Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061224\
Data File : VX041834.D
Acq On : 12 Jun 2024 12:05
Operator : JC/MD
Sample : VX0612WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 13 03:40:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/13/2024
Supervised By :Mahesh Dadoda 06/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.549	168	201172	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	291068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	106823	43.295	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 86.600%			
35) Dibromofluoromethane	5.385	113	93647	46.534	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.060%			
50) Toluene-d8	8.646	98	339877	48.335	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.680%			
62) 4-Bromofluorobenzene	11.079	95	127608	49.170	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.340%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	30826	17.439	ug/l	99
3) Chloromethane	1.300	50	36923	19.144	ug/l	96
4) Vinyl Chloride	1.373	62	36420	18.344	ug/l	98
5) Bromomethane	1.599	94	20154	14.576	ug/l	97
6) Chloroethane	1.666	64	17708	14.756	ug/l	97
7) Trichlorofluoromethane	1.867	101	53883	16.619	ug/l	100
8) Diethyl Ether	2.135	74	23892	19.120	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.318	101	34616	18.842	ug/l	87
10) Methyl Iodide	2.446	142	42902	18.727	ug/l #	88
11) Tert butyl alcohol	3.001	59	45589	104.450	ug/l #	94
12) 1,1-Dichloroethene	2.306	96	33214	18.522	ug/l	85
13) Acrolein	2.239	56	37815	93.051	ug/l	97
14) Allyl chloride	2.660	41	56766	19.242	ug/l	91
15) Acrylonitrile	3.068	53	112066	104.695	ug/l	98
16) Acetone	2.391	43	97614	88.224	ug/l	90
17) Carbon Disulfide	2.501	76	62942	15.866	ug/l	99
18) Methyl Acetate	2.708	43	53650	22.773	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	115685	19.282	ug/l	100
20) Methylene Chloride	2.788	84	39830	18.039	ug/l	90
21) trans-1,2-Dichloroethene	3.086	96	33161	17.823	ug/l	86
22) Diisopropyl ether	3.763	45	120189	19.935	ug/l	90
23) Vinyl Acetate	3.720	43	517153	95.478	ug/l	97
24) 1,1-Dichloroethane	3.605	63	64363	18.879	ug/l	96
25) 2-Butanone	4.562	43	154193	100.553	ug/l	98
26) 2,2-Dichloropropane	4.470	77	47726	17.063	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	43464	19.542	ug/l	87
28) Bromochloromethane	4.897	49	23348	15.901	ug/l #	82
29) Tetrahydrofuran	5.013	42	98646	102.004	ug/l	96
30) Chloroform	5.092	83	66537	18.589	ug/l	97
31) Cyclohexane	5.458	56	53233	18.275	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	55001	17.535	ug/l	97
36) 1,1-Dichloropropene	5.684	75	42517	17.448	ug/l	94
37) Ethyl Acetate	4.720	43	54902	17.853	ug/l	99
38) Carbon Tetrachloride	5.671	117	45648	16.489	ug/l	97
39) Methylcyclohexane	7.378	83	55848	18.655	ug/l	94
40) Benzene	6.037	78	144280	18.943	ug/l	100

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Quant Title : SW846 8260
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Instrument :
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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	30467	20.258	ug/l		90
42) 1,2-Dichloroethane	6.086	62	49190	17.300	ug/l		93
43) Isopropyl Acetate	6.342	43	86675	18.668	ug/l		96
44) Trichloroethene	7.122	130	38037	18.362	ug/l		87
45) 1,2-Dichloropropane	7.427	63	37073	20.472	ug/l		98
46) Dibromomethane	7.580	93	26320	18.949	ug/l	#	79
47) Bromodichloromethane	7.823	83	46241	17.980	ug/l		97
48) Methyl methacrylate	7.695	41	42940	19.258	ug/l		88
49) 1,4-Dioxane	7.665	88	20063	411.825	ug/l	#	92
51) 4-Methyl-2-Pentanone	8.573	43	303168	100.695	ug/l		97
52) Toluene	8.720	92	94152	19.478	ug/l		100
53) t-1,3-Dichloropropene	8.982	75	46490	18.364	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	54007	19.285	ug/l	#	87
55) 1,1,2-Trichloroethane	9.152	97	39732	20.391	ug/l		97
56) Ethyl methacrylate	9.116	69	61163	20.565	ug/l		91
57) 1,3-Dichloropropane	9.311	76	64207	19.848	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	135856	97.028	ug/l		95
59) 2-Hexanone	9.433	43	231968	101.058	ug/l		93
60) Dibromochloromethane	9.524	129	40176	18.587	ug/l		99
61) 1,2-Dibromoethane	9.610	107	40256	19.575	ug/l		99
64) Tetrachloroethene	9.274	164	37763	18.755	ug/l		91
65) Chlorobenzene	10.079	112	108017	18.735	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.164	131	37464	18.726	ug/l		99
67) Ethyl Benzene	10.195	91	174586	19.001	ug/l		97
68) m/p-Xylenes	10.299	106	139456	38.151	ug/l		92
69) o-Xylene	10.640	106	68750	18.906	ug/l		93
70) Styrene	10.652	104	115834	19.286	ug/l		95
71) Bromoform	10.799	173	31205	17.910	ug/l	#	99
73) Isopropylbenzene	10.963	105	177609	19.862	ug/l		97
74) N-amyl acetate	10.841	43	76926	19.420	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.213	83	64163	20.219	ug/l		99
76) 1,2,3-Trichloropropane	11.237	75	50192m	19.955	ug/l		
77) Bromobenzene	11.201	156	51176	19.389	ug/l		79
78) n-propylbenzene	11.305	91	193693	19.726	ug/l		96
79) 2-Chlorotoluene	11.365	91	122789	19.456	ug/l		92
80) 1,3,5-Trimethylbenzene	11.451	105	149213	19.986	ug/l		96
81) trans-1,4-Dichloro-2-b...	11.018	75	16434	17.808	ug/l		96
82) 4-Chlorotoluene	11.451	91	137955	19.214	ug/l		92
83) tert-Butylbenzene	11.713	119	156419	19.450	ug/l		91
84) 1,2,4-Trimethylbenzene	11.750	105	151241	19.994	ug/l		93
85) sec-Butylbenzene	11.890	105	184108	19.968	ug/l		97
86) p-Isopropyltoluene	12.006	119	161243	19.940	ug/l		94
87) 1,3-Dichlorobenzene	11.969	146	91615	19.435	ug/l		95
88) 1,4-Dichlorobenzene	12.042	146	93117	19.163	ug/l		95
89) n-Butylbenzene	12.335	91	122820	19.186	ug/l		98
90) Hexachloroethane	12.536	117	24373	17.721	ug/l		60
91) 1,2-Dichlorobenzene	12.335	146	94154	19.609	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	12.944	75	12241	19.094	ug/l		58
93) 1,2,4-Trichlorobenzene	13.591	180	60081	18.986	ug/l		96
94) Hexachlorobutadiene	13.725	225	29334	18.710	ug/l		99
95) Naphthalene	13.774	128	185002	19.811	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	63169	19.396	ug/l		96

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Instrument :
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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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