Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
Data File : VX041194.D
Acq On : 22 Apr 2024 16:57
Operator : JC/MD
Sample : VX0422WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 23 05:37:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	240251	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	326032	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	107188	46.868	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.740%			
35) Dibromofluoromethane	5.385	113	92817	46.801	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.600%			
50) Toluene-d8	8.647	98	322152	48.146	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.300%			
62) 4-Bromofluorobenzene	11.079	95	122324	49.530	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.060%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	36015	18.953	ug/l	100
3) Chloromethane	1.301	50	37296	18.128	ug/l	100
4) Vinyl Chloride	1.374	62	37907	18.425	ug/l	98
5) Bromomethane	1.599	94	20996	18.125	ug/l	96
6) Chloroethane	1.666	64	12449	15.927	ug/l	93
7) Trichlorofluoromethane	1.861	101	60198	18.884	ug/l	98
8) Diethyl Ether	2.136	74	23237	19.807	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.313	101	36709	19.572	ug/l	89
10) Methyl Iodide	2.441	142	44358	19.612	ug/l	89
11) Tert butyl alcohol	3.026	59	39758	97.038	ug/l #	92
12) 1,1-Dichloroethene	2.307	96	32424	18.518	ug/l	85
13) Acrolein	2.239	56	44491	96.800	ug/l	99
14) Allyl chloride	2.654	41	58016	20.397	ug/l #	93
15) Acrylonitrile	3.075	53	107620	102.793	ug/l	99
16) Acetone	2.392	43	84560	101.578	ug/l	96
17) Carbon Disulfide	2.496	76	62665	17.133	ug/l	99
18) Methyl Acetate	2.709	43	49019	19.906	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	123471	19.726	ug/l	99
20) Methylene Chloride	2.782	84	40330	19.837	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	36783	19.010	ug/l	85
22) Diisopropyl ether	3.764	45	121536	19.763	ug/l	89
23) Vinyl Acetate	3.721	43	541591	102.944	ug/l	95
24) 1,1-Dichloroethane	3.599	63	66221	19.263	ug/l	97
25) 2-Butanone	4.568	43	145543	102.374	ug/l	96
26) 2,2-Dichloropropane	4.465	77	54859	18.882	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	45614	19.020	ug/l	87
28) Bromochloromethane	4.898	49	21126	16.194	ug/l #	67
29) Tetrahydrofuran	5.013	42	96806	99.951	ug/l	92
30) Chloroform	5.087	83	70890	19.213	ug/l	99
31) Cyclohexane	5.458	56	58154	18.893	ug/l	89
32) 1,1,1-Trichloroethane	5.373	97	62847	19.000	ug/l	97
36) 1,1-Dichloropropene	5.684	75	47662	18.783	ug/l	96
37) Ethyl Acetate	4.721	43	59384	21.330	ug/l	98
38) Carbon Tetrachloride	5.672	117	53507	18.879	ug/l	97
39) Methylcyclohexane	7.373	83	63791	18.953	ug/l	91
40) Benzene	6.031	78	150557	19.211	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	30469	21.022	ug/l		91
42) 1,2-Dichloroethane	6.080	62	53738	19.776	ug/l		93
43) Isopropyl Acetate	6.342	43	90105	20.091	ug/l		97
44) Trichloroethene	7.123	130	43101	18.917	ug/l		86
45) 1,2-Dichloropropane	7.428	63	36406	19.375	ug/l		97
46) Dibromomethane	7.580	93	27577	19.682	ug/l	#	75
47) Bromodichloromethane	7.824	83	50441	19.530	ug/l		98
48) Methyl methacrylate	7.696	41	43693	20.598	ug/l		91
49) 1,4-Dioxane	7.671	88	16899	370.125	ug/l	#	87
51) 4-Methyl-2-Pentanone	8.574	43	299256	106.603	ug/l		97
52) Toluene	8.714	92	99219	20.092	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	50924	20.102	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	56452	19.602	ug/l		90
55) 1,1,2-Trichloroethane	9.153	97	40143	20.833	ug/l		98
56) Ethyl methacrylate	9.116	69	62504	21.218	ug/l		93
57) 1,3-Dichloropropane	9.305	76	64454	20.207	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	125899	87.814	ug/l		91
59) 2-Hexanone	9.433	43	231519	107.550	ug/l		95
60) Dibromochloromethane	9.519	129	44147	19.847	ug/l		100
61) 1,2-Dibromoethane	9.610	107	41957	20.295	ug/l		98
64) Tetrachloroethene	9.269	164	42976	19.272	ug/l		91
65) Chlorobenzene	10.080	112	116106	19.403	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	40452	19.736	ug/l		98
67) Ethyl Benzene	10.195	91	186863	19.568	ug/l		96
68) m/p-Xylenes	10.299	106	150839	39.129	ug/l		91
69) o-Xylene	10.640	106	74679	19.918	ug/l		93
70) Styrene	10.653	104	122502	20.084	ug/l		95
71) Bromoform	10.799	173	34981	19.963	ug/l	#	100
73) Isopropylbenzene	10.964	105	193756	19.214	ug/l		97
74) N-amyl acetate	10.842	43	78357	19.772	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.213	83	63152	19.859	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	49621m	19.003	ug/l		
77) Bromobenzene	11.195	156	55497	18.912	ug/l		75
78) n-propylbenzene	11.305	91	206831	18.996	ug/l		95
79) 2-Chlorotoluene	11.366	91	130101	18.882	ug/l		91
80) 1,3,5-Trimethylbenzene	11.451	105	161436	19.243	ug/l		94
81) trans-1,4-Dichloro-2-b...	11.018	75	16281	17.591	ug/l		97
82) 4-Chlorotoluene	11.451	91	147001	18.826	ug/l		92
83) tert-Butylbenzene	11.713	119	173764	19.342	ug/l		90
84) 1,2,4-Trimethylbenzene	11.750	105	162166	19.476	ug/l		92
85) sec-Butylbenzene	11.890	105	204363	19.699	ug/l		96
86) p-Isopropyltoluene	12.006	119	178510	19.526	ug/l		94
87) 1,3-Dichlorobenzene	11.969	146	98982	18.778	ug/l		94
88) 1,4-Dichlorobenzene	12.043	146	100062	18.501	ug/l		96
89) n-Butylbenzene	12.329	91	131665	18.968	ug/l		97
90) Hexachloroethane	12.536	117	27333	18.125	ug/l	#	58
91) 1,2-Dichlorobenzene	12.335	146	103574	19.617	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12317	18.459	ug/l		59
93) 1,2,4-Trichlorobenzene	13.585	180	57952	15.831	ug/l		94
94) Hexachlorobutadiene	13.725	225	30019	16.051	ug/l		99
95) Naphthalene	13.774	128	173257	16.473	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	60703	15.743	ug/l		95

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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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