Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011624\
Data File : VX039771.D
Acq On : 16 Jan 2024 14:01
Operator : JC/MD
Sample : VX0116WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 17 01:48:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	106470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	190524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	174141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79896	44.797	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 89.600%			
35) Dibromofluoromethane	5.385	113	60013	46.766	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.540%			
50) Toluene-d8	8.647	98	220071	45.470	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.940%#			
62) 4-Bromofluorobenzene	11.079	95	85755	45.310	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.620%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	23056	16.737	ug/l	99
3) Chloromethane	1.294	50	24621	15.650	ug/l	100
4) Vinyl Chloride	1.374	62	24210	16.306	ug/l	97
5) Bromomethane	1.605	94	15650	18.474	ug/l	98
6) Chloroethane	1.685	64	15164	17.966	ug/l	99
7) Trichlorofluoromethane	1.892	101	37106	17.325	ug/l	96
8) Diethyl Ether	2.130	74	13762	17.387	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	23218	17.486	ug/l	99
10) Methyl Iodide	2.453	142	24960	17.819	ug/l	94
11) Tert butyl alcohol	2.947	59	35155	75.721	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	21999	17.167	ug/l	94
13) Acrolein	2.233	56	30974	99.261	ug/l	99
14) Allyl chloride	2.666	41	41147	16.314	ug/l	99
15) Acrylonitrile	3.056	53	80703	84.152	ug/l	97
16) Acetone	2.374	43	90506	90.231	ug/l	94
17) Carbon Disulfide	2.514	76	56118	15.236	ug/l	98
18) Methyl Acetate	2.697	43	37181	17.718	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	79970	17.578	ug/l	97
20) Methylene Chloride	2.788	84	26109	17.209	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	23280	17.263	ug/l	93
22) Diisopropyl ether	3.757	45	83729	17.396	ug/l	94
23) Vinyl Acetate	3.721	43	392366	87.698	ug/l	99
24) 1,1-Dichloroethane	3.605	63	46749	17.655	ug/l	100
25) 2-Butanone	4.550	43	124008	86.031	ug/l	99
26) 2,2-Dichloropropane	4.471	77	36890	17.359	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	27065	17.499	ug/l	99
28) Bromochloromethane	4.897	49	18064	15.050	ug/l	96
29) Tetrahydrofuran	4.995	42	76858	82.841	ug/l	100
30) Chloroform	5.086	83	47697	18.247	ug/l	100
31) Cyclohexane	5.471	56	39403	16.740	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	38952	17.406	ug/l	98
36) 1,1-Dichloropropene	5.690	75	34384	17.214	ug/l	99
37) Ethyl Acetate	4.708	43	42877	16.090	ug/l	97
38) Carbon Tetrachloride	5.672	117	31203	17.056	ug/l	88
39) Methylcyclohexane	7.379	83	40954	17.074	ug/l	98
40) Benzene	6.038	78	99987	17.678	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	23536	18.062	ug/l		97
42) 1,2-Dichloroethane	6.086	62	38785	18.037	ug/l		100
43) Isopropyl Acetate	6.336	43	68125	17.427	ug/l		100
44) Trichloroethene	7.123	130	24408	17.608	ug/l		95
45) 1,2-Dichloropropane	7.428	63	27370	18.039	ug/l		99
46) Dibromomethane	7.580	93	19212	18.332	ug/l		95
47) Bromodichloromethane	7.818	83	34206	17.623	ug/l		99
48) Methyl methacrylate	7.690	41	33067	17.209	ug/l		93
49) 1,4-Dioxane	7.653	88	11484	308.882	ug/l	#	95
51) 4-Methyl-2-Pentanone	8.568	43	235063	87.312	ug/l		99
52) Toluene	8.714	92	60492	17.906	ug/l		93
53) t-1,3-Dichloropropene	8.976	75	36231	17.592	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	40460	17.866	ug/l		97
55) 1,1,2-Trichloroethane	9.147	97	25912	18.015	ug/l		94
56) Ethyl methacrylate	9.116	69	41691	17.909	ug/l		96
57) 1,3-Dichloropropane	9.305	76	44521	18.265	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	90594	82.332	ug/l		95
59) 2-Hexanone	9.427	43	191272	89.768	ug/l		98
60) Dibromochloromethane	9.519	129	24566	18.111	ug/l		99
61) 1,2-Dibromoethane	9.604	107	27663	18.572	ug/l		98
64) Tetrachloroethene	9.275	164	19986	17.649	ug/l		95
65) Chlorobenzene	10.079	112	64020	17.651	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	22662	18.350	ug/l		98
67) Ethyl Benzene	10.195	91	119768	17.786	ug/l		98
68) m/p-Xylenes	10.299	106	88777	35.849	ug/l		96
69) o-Xylene	10.640	106	42883	17.486	ug/l		94
70) Styrene	10.653	104	70770	17.665	ug/l		98
71) Bromoform	10.799	173	16142	17.407	ug/l	#	98
73) Isopropylbenzene	10.963	105	114750	17.042	ug/l		99
74) N-amyl acetate	10.842	43	59919	17.071	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.207	83	44168	17.178	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	37279m	17.002	ug/l		
77) Bromobenzene	11.195	156	26355	17.579	ug/l		98
78) n-propylbenzene	11.305	91	139804	17.154	ug/l		98
79) 2-Chlorotoluene	11.360	91	82596	16.398	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	97726	17.088	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	11022	16.752	ug/l		99
82) 4-Chlorotoluene	11.451	91	97299	17.030	ug/l		100
83) tert-Butylbenzene	11.713	119	94609	17.328	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	97539	17.095	ug/l		98
85) sec-Butylbenzene	11.890	105	122642	17.304	ug/l		99
86) p-Isopropyltoluene	12.006	119	98266	17.347	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	49763	17.315	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	50454	16.998	ug/l		99
89) n-Butylbenzene	12.329	91	92510	16.909	ug/l		96
90) Hexachloroethane	12.536	117	15268	15.977	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	48778	17.168	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9663	15.336	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	28833	16.606	ug/l		99
94) Hexachlorobutadiene	13.725	225	13031	18.054	ug/l		99
95) Naphthalene	13.774	128	105789	16.550	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	29988	17.113	ug/l		99

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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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