Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
Data File : VX038942.D
Acq On : 18 Nov 2023 20:32
Operator : JC/MD
Sample : 05404-18MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MS

Manual Integrations APPROVED
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

Quant Time: Nov 20 04:40:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	113766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	219702	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99865	54.477	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.960%			
35) Dibromofluoromethane	5.385	113	80061	50.456	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.920%			
50) Toluene-d8	8.647	98	292501	48.180	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.360%			
62) 4-Bromofluorobenzene	11.079	95	118660	48.826	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	68847	51.865	ug/l	100
3) Chloromethane	1.294	50	81410	46.988	ug/l	100
4) Vinyl Chloride	1.374	62	82295	49.310	ug/l	99
5) Bromomethane	1.599	94	43698	63.327	ug/l	99
6) Chloroethane	1.678	64	51681	54.262	ug/l	99
7) Trichlorofluoromethane	1.886	101	112283	53.018	ug/l	98
8) Diethyl Ether	2.136	74	48568	52.653	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	66092	47.058	ug/l	97
10) Methyl Iodide	2.453	142	80105	46.861	ug/l	93
11) Tert butyl alcohol	2.965	59	161226	316.216	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	69733	49.179	ug/l	90
13) Acrolein	2.233	56	82163	304.592	ug/l	99
14) Allyl chloride	2.660	41	142037	50.032	ug/l	93
15) Acrylonitrile	3.062	53	299655	278.145	ug/l	99
16) Acetone	2.380	43	261781	268.255	ug/l #	89
17) Carbon Disulfide	2.508	76	185415	42.214	ug/l	100
18) Methyl Acetate	2.703	43	245074	52.872	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	268741	53.886	ug/l	100
20) Methylene Chloride	2.788	84	84181	47.853	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	75730	48.403	ug/l	95
22) Diisopropyl ether	3.757	45	274148	52.639	ug/l	92
23) Vinyl Acetate	3.721	43	915244	244.007	ug/l	99
24) 1,1-Dichloroethane	3.605	63	150915	51.817	ug/l	99
25) 2-Butanone	4.550	43	442095	279.365	ug/l	98
26) 2,2-Dichloropropane	4.471	77	105273	41.671	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	92864	50.920	ug/l	94
28) Bromochloromethane	4.891	49	64579	46.184	ug/l	98
29) Tetrahydrofuran	5.001	42	289791	288.408	ug/l	98
30) Chloroform	5.092	83	150002	52.745	ug/l	97
31) Cyclohexane	5.470	56	123001	46.995	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	130748	53.079	ug/l	99
36) 1,1-Dichloropropene	5.690	75	108059	47.516	ug/l	99
37) Ethyl Acetate	4.715	43	147286	49.710	ug/l	99
38) Carbon Tetrachloride	5.678	117	108533	51.637	ug/l	98
39) Methylcyclohexane	7.379	83	125127	42.181	ug/l	97
40) Benzene	6.037	78	329829	49.036	ug/l	99

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41) Methacrylonitrile	4.916	41	83564	54.379	ug/l		95
42) 1,2-Dichloroethane	6.086	62	120288	53.976	ug/l		97
43) Isopropyl Acetate	6.336	43	237506	50.158	ug/l		98
44) Trichloroethene	7.123	130	131026	80.029	ug/l		98
45) 1,2-Dichloropropane	7.427	63	89884	49.657	ug/l		98
46) Dibromomethane	7.580	93	62065	51.416	ug/l		99
47) Bromodichloromethane	7.818	83	122147	50.983	ug/l		98
48) Methyl methacrylate	7.690	41	115017	50.063	ug/l		94
49) 1,4-Dioxane	7.659	88	55565	1250.143	ug/l	#	93
51) 4-Methyl-2-Pentanone	8.574	43	828354	273.744	ug/l		100
52) Toluene	8.720	92	205133	49.145	ug/l		96
53) t-1,3-Dichloropropene	8.976	75	136788	48.044	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	142043	48.299	ug/l		91
55) 1,1,2-Trichloroethane	9.153	97	88043	50.552	ug/l		94
56) Ethyl methacrylate	9.116	69	149785	50.830	ug/l		97
57) 1,3-Dichloropropane	9.305	76	146904	51.002	ug/l		100
59) 2-Hexanone	9.427	43	663758	273.666	ug/l		97
60) Dibromochloromethane	9.519	129	91543	51.694	ug/l		100
61) 1,2-Dibromoethane	9.610	107	92856	50.809	ug/l		100
64) Tetrachloroethene	9.275	164	62501	48.953	ug/l		96
65) Chlorobenzene	10.079	112	216201	48.863	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	80296	50.449	ug/l		97
67) Ethyl Benzene	10.195	91	401842	49.432	ug/l		98
68) m/p-Xylenes	10.299	106	302939	98.514	ug/l		100
69) o-Xylene	10.640	106	150214	49.367	ug/l		99
70) Styrene	10.652	104	253008	49.235	ug/l		99
71) Bromoform	10.799	173	67356	50.764	ug/l	#	99
73) Isopropylbenzene	10.963	105	386727	47.207	ug/l		99
74) N-amyl acetate	10.841	43	197661	45.644	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.213	83	155147	48.515	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	150786m	57.480	ug/l		
77) Bromobenzene	11.195	156	87839	47.719	ug/l		98
78) n-propylbenzene	11.305	91	477371	47.341	ug/l		99
79) 2-Chlorotoluene	11.366	91	278938	46.612	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	333131	48.363	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	50750	42.911	ug/l	#	83
82) 4-Chlorotoluene	11.451	91	328260	47.573	ug/l		100
83) tert-Butylbenzene	11.713	119	324802	47.879	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	336047	48.201	ug/l		99
85) sec-Butylbenzene	11.890	105	416636	46.953	ug/l		99
86) p-Isopropyltoluene	12.006	119	333528	46.823	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	170540	47.312	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	172300	46.703	ug/l		98
89) n-Butylbenzene	12.329	91	324059	45.091	ug/l		97
90) Hexachloroethane	12.536	117	67946	47.766	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	168052	49.154	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39870	50.887	ug/l		92
93) 1,2,4-Trichlorobenzene	13.585	180	104893	45.784	ug/l		98
94) Hexachlorobutadiene	13.725	225	34995	43.133	ug/l		99
95) Naphthalene	13.774	128	406195	47.604	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	102485	47.189	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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