Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
Data File : VX027714.D
Acq On : 25 Mar 2022 22:25
Operator : JC/MD
Sample : N1645-08 5.0 LOQ
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022

Manual Integrations APPROVED

Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

Quant Time: Mar 26 07:07:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 06:55:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	57489	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	97958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	86285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	39607	42.006	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.020%		
35) Dibromofluoromethane	5.385	113	29530	45.905	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.820%		
50) Toluene-d8	8.653	98	112460	45.225	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	90.440%		
62) 4-Bromofluorobenzene	11.085	95	43863	43.471	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.940%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	3057	4.584	ug/l	95
3) Chloromethane	1.294	50	3447	4.989	ug/l	99
4) Vinyl Chloride	1.374	62	3410	5.138	ug/l	99
5) Bromomethane	1.593	94	1575	5.911	ug/l	99
6) Chloroethane	1.678	64	2388m	5.607	ug/l	
7) Trichlorofluoromethane	1.880	101	4874	4.975	ug/l	92
8) Diethyl Ether	2.136	74	1902	5.379	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	3170	4.838	ug/l	95
10) Methyl Iodide	2.447	142	3373	5.271	ug/l	93
11) Tert butyl alcohol	2.971	59	5170	29.449	ug/l	97
12) 1,1-Dichloroethene	2.313	96	3121	5.111	ug/l	89
13) Acrolein	2.239	56	3434	27.945	ug/l	97
14) Allyl chloride	2.660	41	5961	5.160	ug/l #	88
15) Acrylonitrile	3.068	53	12617	29.346	ug/l	99
16) Acetone	2.380	43	11576	29.029	ug/l	93
17) Carbon Disulfide	2.508	76	7801	4.762	ug/l	97
18) Methyl Acetate	2.709	43	5688	5.578	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	12744	5.685	ug/l	94
20) Methylene Chloride	2.788	84	3892	5.470	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	3615	5.322	ug/l	96
22) Diisopropyl ether	3.770	45	12991	5.644	ug/l #	81
23) Vinyl Acetate	3.727	43	56363	28.003	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	7628	5.849	ug/l #	91
25) 2-Butanone	4.568	43	17086	26.680	ug/l #	83
26) 2,2-Dichloropropane	4.477	77	4345	4.357	ug/l	92
27) cis-1,2-Dichloroethene	4.501	96	4144	5.477	ug/l	90
28) Bromochloromethane	4.904	49	2934	5.640	ug/l #	75
29) Tetrahydrofuran	5.019	42	11172	29.568	ug/l	86
30) Chloroform	5.099	83	7292	5.579	ug/l	96
31) Cyclohexane	5.470	56	5413	4.735	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	5366	4.620	ug/l	96
36) 1,1-Dichloropropene	5.702	75	4498	4.427	ug/l	96
37) Ethyl Acetate	4.721	43	5742	4.855	ug/l #	97
38) Carbon Tetrachloride	5.684	117	4707	4.741	ug/l #	84
39) Methylcyclohexane	7.385	83	5748	4.918	ug/l #	86
40) Benzene	6.044	78	14477	5.158	ug/l	97

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41)	Methacrylonitrile	4.928	41	3184	5.140	ug/l		94
42)	1,2-Dichloroethane	6.098	62	5399	4.525	ug/l		95
43)	Isopropyl Acetate	6.354	43	7488	4.192	ug/l	#	86
44)	Trichloroethene	7.135	130	3939	5.424	ug/l		97
45)	1,2-Dichloropropane	7.434	63	3470	4.711	ug/l		93
46)	Dibromomethane	7.586	93	2799	5.310	ug/l	#	86
47)	Bromodichloromethane	7.824	83	4632	4.487	ug/l		97
48)	Methyl methacrylate	7.702	41	3970	4.498	ug/l	#	85
49)	1,4-Dioxane	7.671	88	1946	103.275	ug/l		98
51)	4-Methyl-2-Pentanone	8.580	43	26191	21.360	ug/l		91
52)	Toluene	8.720	92	8723	4.971	ug/l		100
53)	t-1,3-Dichloropropene	8.982	75	3891	3.804	ug/l	#	85
54)	cis-1,3-Dichloropropene	8.372	75	4700	4.130	ug/l	#	88
55)	1,1,2-Trichloroethane	9.153	97	3702	5.193	ug/l		98
56)	Ethyl methacrylate	9.122	69	5362	4.602	ug/l	#	81
57)	1,3-Dichloropropane	9.311	76	5970	4.642	ug/l		98
58)	2-Chloroethyl Vinyl ether	8.244	63	12144	20.357	ug/l		100
59)	2-Hexanone	9.433	43	20594	21.493	ug/l		87
60)	Dibromochloromethane	9.525	129	3028	4.391	ug/l		95
61)	1,2-Dibromoethane	9.610	107	3660	4.808	ug/l		100
64)	Tetrachloroethene	9.275	164	3630	5.605	ug/l	#	85
65)	Chlorobenzene	10.079	112	9255	5.091	ug/l		98
66)	1,1,1,2-Tetrachloroethane	10.165	131	2942	4.709	ug/l		96
67)	Ethyl Benzene	10.195	91	16203	4.785	ug/l		97
68)	m/p-Xylenes	10.305	106	12542	10.220	ug/l		91
69)	o-Xylene	10.646	106	6039	4.897	ug/l		90
70)	Styrene	10.659	104	9619	4.906	ug/l		90
71)	Bromoform	10.805	173	2058	4.546	ug/l	#	94
73)	Isopropylbenzene	10.963	105	15521	4.736	ug/l		99
74)	N-amyl acetate	10.848	43	6032	3.835	ug/l	#	89
75)	1,1,2,2-Tetrachloroethane	11.213	83	5421	4.694	ug/l		94
76)	1,2,3-Trichloropropane	11.244	75	5139m	4.626	ug/l		
77)	Bromobenzene	11.195	156	3782	5.223	ug/l		88
78)	n-propylbenzene	11.305	91	18355	4.720	ug/l		98
79)	2-Chlorotoluene	11.366	91	11594	4.729	ug/l		97
80)	1,3,5-Trimethylbenzene	11.451	105	13323	4.730	ug/l		98
81)	trans-1,4-Dichloro-2-b...	11.024	75	1079	3.306	ug/l	#	64
82)	4-Chlorotoluene	11.457	91	13425	4.760	ug/l		91
83)	tert-Butylbenzene	11.719	119	12969	5.011	ug/l		89
84)	1,2,4-Trimethylbenzene	11.756	105	13499	4.721	ug/l		96
85)	sec-Butylbenzene	11.890	105	16212	4.782	ug/l		98
86)	p-Isopropyltoluene	12.012	119	12920	4.843	ug/l		93
87)	1,3-Dichlorobenzene	11.975	146	6654	4.915	ug/l		95
88)	1,4-Dichlorobenzene	12.042	146	7148	5.097	ug/l		92
89)	n-Butylbenzene	12.335	91	10515	4.163	ug/l		95
90)	Hexachloroethane	12.542	117	1806	4.242	ug/l		84
91)	1,2-Dichlorobenzene	12.335	146	7187	5.475	ug/l		92
92)	1,2-Dibromo-3-Chloropr...	12.945	75	1222	4.317	ug/l		77
93)	1,2,4-Trichlorobenzene	13.591	180	3918	5.064	ug/l		98
94)	Hexachlorobutadiene	13.725	225	1892	5.021	ug/l		96
95)	Naphthalene	13.780	128	14430	5.078	ug/l		98
96)	1,2,3-Trichlorobenzene	13.963	180	4375	5.656	ug/l		91

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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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