Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
Data File : VX028098.D
Acq On : 14 Apr 2022 11:05
Operator : JC/MD
Sample : VX0414WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 15 03:11:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 12 22:07:23 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

Manual Integrations APPROVED
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/15/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	180218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	291826	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	121983	49.891	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.780%			
35) Dibromofluoromethane	5.385	113	99924	52.255	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.500%			
50) Toluene-d8	8.653	98	379562	53.221	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.440%			
62) 4-Bromofluorobenzene	11.079	95	132181	49.639	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	32513	18.581	ug/l	99
3) Chloromethane	1.294	50	41993	21.684	ug/l	97
4) Vinyl Chloride	1.374	62	49347	21.195	ug/l	98
5) Bromomethane	1.605	94	73746	29.872	ug/l	100
6) Chloroethane	1.684	64	44236	24.503	ug/l	94
7) Trichlorofluoromethane	1.886	101	122464	26.821	ug/l	99
8) Diethyl Ether	2.136	74	42773	24.444	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	38265	21.065	ug/l	97
10) Methyl Iodide	2.453	142	37790	17.864	ug/l	97
11) Tert butyl alcohol	2.965	59	54429	95.904	ug/l	99
12) 1,1-Dichloroethene	2.319	96	35914	20.190	ug/l	96
13) Acrolein	2.239	56	25380	80.274	ug/l	96
14) Allyl chloride	2.666	41	58648	18.629	ug/l #	86
15) Acrylonitrile	3.062	53	115805	98.471	ug/l	98
16) Acetone	2.379	43	98239	96.438	ug/l	91
17) Carbon Disulfide	2.514	76	91963	19.673	ug/l	100
18) Methyl Acetate	2.703	43	51383	18.903	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	133425	19.972	ug/l	99
20) Methylene Chloride	2.788	84	41483	20.445	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	40093	18.815	ug/l	99
22) Diisopropyl ether	3.757	45	130644	19.338	ug/l #	73
23) Vinyl Acetate	3.721	43	593612	98.886	ug/l	94
24) 1,1-Dichloroethane	3.611	63	72584	19.847	ug/l	100
25) 2-Butanone	4.556	43	166834	94.748	ug/l	89
26) 2,2-Dichloropropane	4.477	77	67960	20.016	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	47780	19.892	ug/l	98
28) Bromochloromethane	4.903	49	33114	21.065	ug/l	91
29) Tetrahydrofuran	5.007	42	108235	94.045	ug/l	92
30) Chloroform	5.099	83	80286	19.742	ug/l	96
31) Cyclohexane	5.476	56	65868	19.593	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	71851	19.507	ug/l	97
36) 1,1-Dichloropropene	5.696	75	56838	19.475	ug/l	99
37) Ethyl Acetate	4.714	43	64800	19.060	ug/l	96
38) Carbon Tetrachloride	5.678	117	61763	19.823	ug/l	98
39) Methylcyclohexane	7.379	83	69462	20.134	ug/l	95
40) Benzene	6.037	78	171502	20.209	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	32468	17.950	ug/l		93
42) 1,2-Dichloroethane	6.092	62	63657	19.864	ug/l		97
43) Isopropyl Acetate	6.342	43	108723	19.195	ug/l		93
44) Trichloroethene	7.129	130	47171	20.902	ug/l		95
45) 1,2-Dichloropropane	7.433	63	42805	20.014	ug/l		95
46) Dibromomethane	7.586	93	31734	20.113	ug/l		96
47) Bromodichloromethane	7.824	83	60393	19.805	ug/l		96
48) Methyl methacrylate	7.696	41	48049	18.582	ug/l	#	84
49) 1,4-Dioxane	7.671	88	23138	400.839	ug/l	#	95
51) 4-Methyl-2-Pentanone	8.573	43	341046	94.437	ug/l		91
52) Toluene	8.720	92	113376	20.024	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	66871	19.415	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	69826	19.546	ug/l	#	83
55) 1,1,2-Trichloroethane	9.153	97	44249	19.279	ug/l		97
56) Ethyl methacrylate	9.116	69	68920	19.103	ug/l	#	79
57) 1,3-Dichloropropane	9.311	76	74550	19.593	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	183092	112.437	ug/l		99
59) 2-Hexanone	9.433	43	265835	93.989	ug/l		88
60) Dibromochloromethane	9.525	129	46575	18.983	ug/l		96
61) 1,2-Dibromoethane	9.610	107	47951	19.182	ug/l		99
64) Tetrachloroethene	9.275	164	45472	21.403	ug/l		98
65) Chlorobenzene	10.079	112	120945	20.701	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	44676	20.695	ug/l		98
67) Ethyl Benzene	10.195	91	214426	20.841	ug/l		99
68) m/p-Xylenes	10.305	106	167813	39.061	ug/l		99
69) o-Xylene	10.640	106	82187	19.680	ug/l		99
70) Styrene	10.658	104	135137	19.566	ug/l		98
71) Bromoform	10.799	173	32661	18.713	ug/l	#	100
73) Isopropylbenzene	10.963	105	215821	21.776	ug/l		99
74) N-amyl acetate	10.841	43	91952	21.467	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	71801	20.737	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	56593m	18.221	ug/l		
77) Bromobenzene	11.201	156	52008	21.481	ug/l		97
78) n-propylbenzene	11.305	91	253934	22.046	ug/l		100
79) 2-Chlorotoluene	11.366	91	146729	21.006	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	182466	21.313	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	21754	19.727	ug/l		89
82) 4-Chlorotoluene	11.457	91	169226	20.580	ug/l		97
83) tert-Butylbenzene	11.719	119	182533	22.036	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	185644	22.148	ug/l		100
85) sec-Butylbenzene	11.890	105	226544	21.428	ug/l		100
86) p-Isopropyltoluene	12.012	119	191120	21.334	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	99576	21.107	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	103567	20.928	ug/l		100
89) n-Butylbenzene	12.335	91	162615	21.208	ug/l		97
90) Hexachloroethane	12.542	117	32273	21.441	ug/l		92
91) 1,2-Dichlorobenzene	12.335	146	101027	21.432	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16694	21.916	ug/l		91
93) 1,2,4-Trichlorobenzene	13.591	180	60828	23.076	ug/l		99
94) Hexachlorobutadiene	13.725	225	24161	22.715	ug/l		94
95) Naphthalene	13.774	128	214858	23.338	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	60217	23.084	ug/l		98

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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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