Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
Data File : VX040294.D
Acq On : 17 Feb 2024 12:03
Operator : JC/MD
Sample : VX0217WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 19 03:54:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0217WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	72798	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	123964	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	53107	49.036	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.080%		
35) Dibromofluoromethane	5.385	113	43250	49.960	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.920%		
50) Toluene-d8	8.647	98	153813	47.498	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.000%		
62) 4-Bromofluorobenzene	11.079	95	61649	46.679	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.360%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	16973	20.640	ug/l	96
3) Chloromethane	1.295	50	15881	18.728	ug/l	94
4) Vinyl Chloride	1.374	62	17880	19.953	ug/l	96
5) Bromomethane	1.605	94	12852	25.415	ug/l	94
6) Chloroethane	1.685	64	11235	19.879	ug/l	95
7) Trichlorofluoromethane	1.886	101	28111	19.534	ug/l	96
8) Diethyl Ether	2.136	74	11063	20.465	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	16767	21.721	ug/l	98
10) Methyl Iodide	2.453	142	19039	22.216	ug/l	92
11) Tert butyl alcohol	2.953	59	19697	93.370	ug/l #	92
12) 1,1-Dichloroethene	2.325	96	15568	20.946	ug/l	82
13) Acrolein	2.233	56	19622	100.773	ug/l	97
14) Allyl chloride	2.666	41	25859	20.049	ug/l	96
15) Acrylonitrile	3.063	53	49269	104.381	ug/l	99
16) Acetone	2.374	43	47852	107.580	ug/l	95
17) Carbon Disulfide	2.514	76	36135	18.416	ug/l	98
18) Methyl Acetate	2.703	43	21662	18.167	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	54967	20.992	ug/l	100
20) Methylene Chloride	2.788	84	17903	20.530	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	16539	19.539	ug/l	89
22) Diisopropyl ether	3.758	45	55527	21.227	ug/l	94
23) Vinyl Acetate	3.721	43	249610	107.042	ug/l	99
24) 1,1-Dichloroethane	3.611	63	31679	20.790	ug/l	98
25) 2-Butanone	4.550	43	69093	99.373	ug/l	96
26) 2,2-Dichloropropane	4.477	77	23995	20.457	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	19804	20.508	ug/l	94
28) Bromochloromethane	4.898	49	13660	21.115	ug/l	94
29) Tetrahydrofuran	4.995	42	45632	100.738	ug/l	96
30) Chloroform	5.093	83	34158	20.734	ug/l	100
31) Cyclohexane	5.471	56	25398	19.661	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	28908	20.858	ug/l	98
36) 1,1-Dichloropropene	5.696	75	24404	20.124	ug/l	99
37) Ethyl Acetate	4.715	43	25390	18.816	ug/l	96
38) Carbon Tetrachloride	5.684	117	23033	19.976	ug/l	95
39) Methylcyclohexane	7.379	83	26416	18.744	ug/l	96
40) Benzene	6.038	78	68898	20.316	ug/l	99

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41) Methacrylonitrile	4.922	41	15246	21.313	ug/l		95
42) 1,2-Dichloroethane	6.086	62	27230	20.543	ug/l		100
43) Isopropyl Acetate	6.336	43	42428	20.142	ug/l		98
44) Trichloroethene	7.123	130	19138	20.459	ug/l		98
45) 1,2-Dichloropropane	7.428	63	18758	21.251	ug/l		98
46) Dibromomethane	7.580	93	14066	21.637	ug/l		96
47) Bromodichloromethane	7.818	83	26925	21.495	ug/l		97
48) Methyl methacrylate	7.690	41	20990	19.474	ug/l		91
49) 1,4-Dioxane	7.653	88	9337	398.207	ug/l	#	90
51) 4-Methyl-2-Pentanone	8.568	43	148038	102.937	ug/l		100
52) Toluene	8.720	92	46685	21.017	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	26441	18.839	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	29891	21.293	ug/l		90
55) 1,1,2-Trichloroethane	9.153	97	19482	20.563	ug/l		96
56) Ethyl methacrylate	9.116	69	28637	20.191	ug/l		94
57) 1,3-Dichloropropane	9.305	76	33503	21.665	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	67927	101.240	ug/l		96
59) 2-Hexanone	9.427	43	117459	103.013	ug/l		99
60) Dibromochloromethane	9.519	129	20038	20.759	ug/l		98
61) 1,2-Dibromoethane	9.610	107	20681	20.536	ug/l		99
64) Tetrachloroethene	9.275	164	16898	20.447	ug/l		97
65) Chlorobenzene	10.080	112	49653	20.174	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.159	131	18318	21.489	ug/l		97
67) Ethyl Benzene	10.195	91	91022	20.765	ug/l		100
68) m/p-Xylenes	10.299	106	69534	42.001	ug/l		99
69) o-Xylene	10.640	106	33743	20.974	ug/l		100
70) Styrene	10.653	104	56143	20.990	ug/l		99
71) Bromoform	10.799	173	14543	19.401	ug/l	#	98
73) Isopropylbenzene	10.957	105	90073	20.009	ug/l		99
74) N-amyl acetate	10.842	43	38828	20.123	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	32525	20.111	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	27027m	20.882	ug/l		
77) Bromobenzene	11.195	156	22087	20.774	ug/l		95
78) n-propylbenzene	11.305	91	112089	20.567	ug/l		98
79) 2-Chlorotoluene	11.366	91	64546	19.613	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	77218	20.375	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	7899	19.471	ug/l		96
82) 4-Chlorotoluene	11.451	91	77098	19.772	ug/l		99
83) tert-Butylbenzene	11.713	119	72795	19.592	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	76829	20.038	ug/l		100
85) sec-Butylbenzene	11.890	105	97979	20.519	ug/l		98
86) p-Isopropyltoluene	12.006	119	77860	19.892	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	42011	19.942	ug/l		98
88) 1,4-Dichlorobenzene	12.043	146	44158	19.795	ug/l		99
89) n-Butylbenzene	12.329	91	75278	19.923	ug/l		97
90) Hexachloroethane	12.536	117	12186	19.737	ug/l		89
91) 1,2-Dichlorobenzene	12.335	146	41563	20.380	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7206	19.305	ug/l		86
93) 1,2,4-Trichlorobenzene	13.585	180	27779	19.896	ug/l		97
94) Hexachlorobutadiene	13.725	225	11256	20.200	ug/l		96
95) Naphthalene	13.774	128	88751	20.126	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	27229	20.460	ug/l		98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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