Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
Data File : VX037054.D
Acq On : 17 Aug 2023 11:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 57 Sample Multiplier: 1

Quant Time: Aug 17 12:23:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
08/17/2023
Supervised By :Semsettin Yesilyurt
08/17/2023
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08/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.550	168	136489	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.763	114	244716	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	221312	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112026	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.952	65	95558	47.316	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117			Recovery = 94.640%			
35) Dibromofluoromethane	5.385	113	82997	49.343	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124			Recovery = 98.680%			
50) Toluene-d8	8.647	98	263808	44.227	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112			Recovery = 88.460%#			
62) 4-Bromofluorobenzene	11.079	95	113927	50.624	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123			Recovery = 101.240%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.167	85	83578	46.353	ug/l		98
3) Chloromethane	1.295	50	73555	44.852	ug/l		100
4) Vinyl Chloride	1.374	62	83295	49.887	ug/l		99
5) Bromomethane	1.599	94	41574	41.706	ug/l		98
6) Chloroethane	1.673	64	45386	55.910	ug/l		99
7) Trichlorofluoromethane	1.880	101	137316	53.255	ug/l		100
8) Diethyl Ether	2.136	74	57089	57.228	ug/l		76
9) 1,1,2-Trichlorotrifluo...	2.325	101	80413	51.909	ug/l		96
10) Methyl Iodide	2.447	142	105456	65.541	ug/l		92
11) Tert butyl alcohol	2.971	59	132643	277.427	ug/l	#	92
12) 1,1-Dichloroethene	2.313	96	79595	52.079	ug/l		84
13) Acrolein	2.240	56	47677	174.730	ug/l		99
14) Allyl chloride	2.660	41	114641	38.093	ug/l	#	91
15) Acrylonitrile	3.063	53	255164	265.377	ug/l		99
16) Acetone	2.380	43	222290	265.250	ug/l		90
17) Carbon Disulfide	2.508	76	164089	38.901	ug/l		97
18) Methyl Acetate	2.703	43	181174	51.390	ug/l	#	87
19) Methyl tert-butyl Ether	3.117	73	332070	57.819	ug/l		96
20) Methylene Chloride	2.788	84	94340	50.618	ug/l	#	85
21) trans-1,2-Dichloroethene	3.087	96	89610	52.461	ug/l		88
22) Diisopropyl ether	3.764	45	274628	48.061	ug/l	#	82
23) Vinyl Acetate	3.721	43	1023271	233.452	ug/l	#	91
24) 1,1-Dichloroethane	3.605	63	168860	52.707	ug/l		98
25) 2-Butanone	4.556	43	350005	257.419	ug/l	#	88
26) 2,2-Dichloropropane	4.477	77	67706	22.428	ug/l		89
27) cis-1,2-Dichloroethene	4.489	96	112055	55.232	ug/l		84
28) Bromochloromethane	4.904	49	68993	44.528	ug/l	#	75
29) Tetrahydrofuran	5.007	42	221026	252.139	ug/l	#	83
30) Chloroform	5.093	83	188091	57.385	ug/l		99
31) Cyclohexane	5.471	56	120139	42.964	ug/l	#	86
32) 1,1,1-Trichloroethane	5.385	97	164411	54.743	ug/l		96
36) 1,1-Dichloropropene	5.690	75	122819	48.989	ug/l		97
37) Ethyl Acetate	4.715	43	135435	47.728	ug/l	#	93
38) Carbon Tetrachloride	5.678	117	137824	51.709	ug/l		98
39) Methylcyclohexane	7.379	83	120787	38.746	ug/l		90
40) Benzene	6.038	78	377906	51.809	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	74727	49.238	ug/l	#	89
42) 1,2-Dichloroethane	6.086	62	146009	54.749	ug/l		95
43) Isopropyl Acetate	6.342	43	226444	46.359	ug/l	#	92
44) Trichloroethene	7.129	130	106728	55.978	ug/l		92
45) 1,2-Dichloropropane	7.428	63	97887	50.263	ug/l		99
46) Dibromomethane	7.580	93	74292	54.507	ug/l		93
47) Bromodichloromethane	7.824	83	143955	51.454	ug/l		97
48) Methyl methacrylate	7.696	41	106750	46.993	ug/l	#	86
49) 1,4-Dioxane	7.659	88	54099	1178.875	ug/l	#	88
51) 4-Methyl-2-Pentanone	8.574	43	670603	248.086	ug/l		90
52) Toluene	8.720	92	246551	53.945	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	142597	45.096	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	151685	45.459	ug/l	#	88
55) 1,1,2-Trichloroethane	9.153	97	106552	55.460	ug/l		96
56) Ethyl methacrylate	9.116	69	168847	53.971	ug/l		86
57) 1,3-Dichloropropane	9.311	76	176883	55.277	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.245	63	360772	234.042	ug/l		92
59) 2-Hexanone	9.433	43	509271	253.855	ug/l		89
60) Dibromochloromethane	9.519	129	114325	54.140	ug/l		100
61) 1,2-Dibromoethane	9.610	107	114135	57.321	ug/l		100
64) Tetrachloroethene	9.275	164	93580	56.690	ug/l		98
65) Chlorobenzene	10.080	112	270750	55.501	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	105413	55.906	ug/l		100
67) Ethyl Benzene	10.195	91	476661	53.486	ug/l		99
68) m/p-Xylenes	10.299	106	360147	108.312	ug/l		99
69) o-Xylene	10.640	106	180735	54.454	ug/l		99
70) Styrene	10.653	104	307319	56.121	ug/l		97
71) Bromoform	10.799	173	81220	53.213	ug/l	#	99
73) Isopropylbenzene	10.964	105	451538	48.704	ug/l		98
74) N-amyl acetate	10.842	43	186243	43.078	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	158538	50.629	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	131937m	50.071	ug/l		
77) Bromobenzene	11.195	156	116001	54.941	ug/l		92
78) n-propylbenzene	11.305	91	502818	46.895	ug/l		99
79) 2-Chlorotoluene	11.366	91	323284	49.757	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	378511	48.802	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	38715	33.302	ug/l		87
82) 4-Chlorotoluene	11.451	91	373991	50.519	ug/l		98
83) tert-Butylbenzene	11.713	119	358259	47.019	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	384991	49.634	ug/l		96
85) sec-Butylbenzene	11.890	105	422474	44.460	ug/l		98
86) p-Isopropyltoluene	12.006	119	366087	46.821	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	210415	53.808	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	213498	55.014	ug/l		99
89) n-Butylbenzene	12.329	91	302842	43.268	ug/l		99
90) Hexachloroethane	12.536	117	61867	39.031	ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	208734	55.314	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37590	51.659	ug/l		81
93) 1,2,4-Trichlorobenzene	13.585	180	119984	51.608	ug/l		99
94) Hexachlorobutadiene	13.725	225	45575	47.383	ug/l		98
95) Naphthalene	13.774	128	697572	86.101	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	123899	54.070	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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