Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044466.D
Acq On : 23 Dec 2024 08:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 23 21:50:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	98270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	155098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	72225	41.918	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 83.840%			
35) Dibromofluoromethane	5.379	113	57719	53.732	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.460%			
50) Toluene-d8	8.641	98	193768	53.468	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.940%			
62) 4-Bromofluorobenzene	11.079	95	64363	50.827	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	81189	53.431	ug/l	95
3) Chloromethane	1.294	50	72049	49.584	ug/l	97
4) Vinyl Chloride	1.380	62	70604	46.640	ug/l	98
5) Bromomethane	1.599	94	47151	43.904	ug/l	98
6) Chloroethane	1.666	64	39107	41.487	ug/l	100
7) Trichlorofluoromethane	1.867	101	127064	42.875	ug/l	99
8) Diethyl Ether	2.130	74	38233	37.795	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	65130	54.311	ug/l	95
10) Methyl Iodide	2.447	142	70995	44.919	ug/l	97
11) Tert butyl alcohol	2.989	59	17549	72.268	ug/l #	71
12) 1,1-Dichloroethene	2.312	96	55954	50.798	ug/l	97
13) Acrolein	2.233	56	61730	175.615	ug/l	100
14) Allyl chloride	2.654	41	85968	46.857	ug/l	98
15) Acrylonitrile	3.062	53	157669	234.398	ug/l	99
16) Acetone	2.386	43	144825	206.174	ug/l	95
17) Carbon Disulfide	2.501	76	97346	46.493	ug/l	100
18) Methyl Acetate	2.703	43	81261	44.867	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	189369	44.056	ug/l	98
20) Methylene Chloride	2.782	84	58446	44.299	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	55872	47.727	ug/l	95
22) Diisopropyl ether	3.751	45	185514	44.904	ug/l	88
23) Vinyl Acetate	3.715	43	783324	233.215	ug/l	97
24) 1,1-Dichloroethane	3.599	63	106007	46.032	ug/l	98
25) 2-Butanone	4.556	43	209192	209.482	ug/l	99
26) 2,2-Dichloropropane	4.464	77	95219	50.896	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	68850	46.309	ug/l	95
28) Bromochloromethane	4.891	49	46458	41.140	ug/l	95
29) Tetrahydrofuran	5.001	42	135710	211.723	ug/l	100
30) Chloroform	5.080	83	114443	44.231	ug/l	98
31) Cyclohexane	5.458	56	94719	50.934	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	101477	47.248	ug/l	99
36) 1,1-Dichloropropene	5.684	75	77076	55.509	ug/l	99
37) Ethyl Acetate	4.702	43	82758	48.216	ug/l	97
38) Carbon Tetrachloride	5.665	117	82491	55.181	ug/l	98
39) Methylcyclohexane	7.372	83	101951	61.418	ug/l	97
40) Benzene	6.025	78	229329	54.397	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	42994	47.172	ug/l		94
42) 1,2-Dichloroethane	6.074	62	83638	48.161	ug/l		97
43) Isopropyl Acetate	6.336	43	128551	47.918	ug/l		97
44) Trichloroethene	7.116	130	58165	55.326	ug/l		94
45) 1,2-Dichloropropane	7.421	63	56311	52.281	ug/l		99
46) Dibromomethane	7.574	93	43787	52.402	ug/l		96
47) Bromodichloromethane	7.818	83	78361	54.300	ug/l		100
48) Methyl methacrylate	7.690	41	61073	46.898	ug/l		96
49) 1,4-Dioxane	7.677	88	21715	1005.738	ug/l	#	84
51) 4-Methyl-2-Pentanone	8.573	43	402283	233.216	ug/l		99
52) Toluene	8.714	92	140179	52.949	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	74563	48.256	ug/l		95
54) cis-1,3-Dichloropropene	8.360	75	85414	54.358	ug/l		99
55) 1,1,2-Trichloroethane	9.147	97	56021	53.264	ug/l		95
56) Ethyl methacrylate	9.116	69	81680	49.194	ug/l		95
57) 1,3-Dichloropropane	9.305	76	94586	51.667	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	203293	242.753	ug/l		97
59) 2-Hexanone	9.433	43	291491	233.464	ug/l		97
60) Dibromochloromethane	9.518	129	54898	49.335	ug/l		100
61) 1,2-Dibromoethane	9.604	107	56628	52.895	ug/l		98
64) Tetrachloroethene	9.268	164	51836	60.182	ug/l		98
65) Chlorobenzene	10.079	112	148588	53.435	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.159	131	50561	56.575	ug/l		100
67) Ethyl Benzene	10.189	91	250606	52.159	ug/l		96
68) m/p-Xylenes	10.299	106	193976	110.024	ug/l		96
69) o-Xylene	10.640	106	94957	53.232	ug/l		93
70) Styrene	10.652	104	155555	54.396	ug/l		95
71) Bromoform	10.799	173	32723	52.112	ug/l	#	99
73) Isopropylbenzene	10.957	105	246838	54.392	ug/l		99
74) N-amyl acetate	10.841	43	101119	48.214	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.213	83	82068	52.066	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	66533m	50.267	ug/l		
77) Bromobenzene	11.195	156	58269	52.949	ug/l		97
78) n-propylbenzene	11.299	91	278932	55.610	ug/l		99
79) 2-Chlorotoluene	11.360	91	166232	51.245	ug/l		96
80) 1,3,5-Trimethylbenzene	11.451	105	202499	53.807	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	22335	48.538	ug/l		98
82) 4-Chlorotoluene	11.451	91	190339	52.988	ug/l		100
83) tert-Butylbenzene	11.713	119	202328	54.400	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	206380	55.839	ug/l		99
85) sec-Butylbenzene	11.890	105	245317	54.332	ug/l		99
86) p-Isopropyltoluene	12.006	119	207299	55.162	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	103109	53.639	ug/l		96
88) 1,4-Dichlorobenzene	12.042	146	106265	53.777	ug/l		98
89) n-Butylbenzene	12.329	91	173517	54.910	ug/l		100
90) Hexachloroethane	12.536	117	30390	55.398	ug/l		90
91) 1,2-Dichlorobenzene	12.335	146	106046	53.130	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15164	49.558	ug/l		87
93) 1,2,4-Trichlorobenzene	13.585	180	61001	55.746	ug/l		99
94) Hexachlorobutadiene	13.719	225	25708	58.407	ug/l		98
95) Naphthalene	13.774	128	225150	52.712	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	63159	54.418	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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