Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043484.D
Acq On : 23 Oct 2024 10:32
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 04:30:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	70647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	138619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58551	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	183939	151.760	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 303.520%#			
35) Dibromofluoromethane	5.385	113	148482	155.723	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 311.440%#			
50) Toluene-d8	8.647	98	508273	151.867	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 303.740%#			
62) 4-Bromofluorobenzene	11.079	95	194566	152.218	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 304.440%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	120716	151.190	ug/l	97
3) Chloromethane	1.294	50	150734	143.499	ug/l	96
4) Vinyl Chloride	1.380	62	140636	151.042	ug/l	99
5) Bromomethane	1.599	94	63296	154.811	ug/l	97
6) Chloroethane	1.672	64	49063	138.212	ug/l	96
7) Trichlorofluoromethane	1.861	101	199589	153.782	ug/l	98
8) Diethyl Ether	2.142	74	83302	151.622	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	119974	155.358	ug/l	99
10) Methyl Iodide	2.447	142	166391	166.267	ug/l	99
11) Tert butyl alcohol	3.026	59	145211	841.020	ug/l	98
12) 1,1-Dichloroethene	2.306	96	123106	159.886	ug/l	97
13) Acrolein	2.245	56	136366	775.765	ug/l	98
14) Allyl chloride	2.660	41	231334	155.288	ug/l	99
15) Acrylonitrile	3.075	53	341818	818.550	ug/l	99
16) Acetone	2.398	43	330301	731.717	ug/l	99
17) Carbon Disulfide	2.502	76	287254	174.405	ug/l	98
18) Methyl Acetate	2.715	43	183832	146.955	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	454958	160.159	ug/l	98
20) Methylene Chloride	2.788	84	148477	147.609	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	137827	154.218	ug/l	97
22) Diisopropyl ether	3.770	45	473324	156.899	ug/l	94
23) Vinyl Acetate	3.727	43	1854057	871.965	ug/l	100
24) 1,1-Dichloroethane	3.605	63	273882	155.276	ug/l	98
25) 2-Butanone	4.574	43	493228	880.988	ug/l	99
26) 2,2-Dichloropropane	4.477	77	225808	153.335	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	178483	158.536	ug/l	99
28) Bromochloromethane	4.897	49	115176	151.169	ug/l	96
29) Tetrahydrofuran	5.019	42	312640	805.095	ug/l	100
30) Chloroform	5.093	83	292247	150.996	ug/l	98
31) Cyclohexane	5.464	56	192066	154.709	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	244070	158.152	ug/l	99
36) 1,1-Dichloropropene	5.690	75	174671	154.693	ug/l	99
37) Ethyl Acetate	4.727	43	194078	153.447	ug/l	99
38) Carbon Tetrachloride	5.672	117	195428	158.334	ug/l	95
39) Methylcyclohexane	7.373	83	209056	155.151	ug/l	99
40) Benzene	6.038	78	579757	149.022	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	102620	184.750	ug/l		98
42) 1,2-Dichloroethane	6.086	62	214973	154.645	ug/l		99
43) Isopropyl Acetate	6.348	43	320957	161.546	ug/l		99
44) Trichloroethene	7.123	130	143700	149.836	ug/l		98
45) 1,2-Dichloropropane	7.428	63	140023	156.418	ug/l		95
46) Dibromomethane	7.580	93	103347	161.499	ug/l		99
47) Bromodichloromethane	7.824	83	212319	164.605	ug/l		96
48) Methyl methacrylate	7.696	41	156543	182.339	ug/l		98
49) 1,4-Dioxane	7.671	88	57442	3504.496	ug/l		95
51) 4-Methyl-2-Pentanone	8.580	43	970590	815.873	ug/l		98
52) Toluene	8.720	92	358471	153.357	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	209631	172.918	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	231760	170.167	ug/l		96
55) 1,1,2-Trichloroethane	9.153	97	130087	155.310	ug/l		98
56) Ethyl methacrylate	9.116	69	215093	173.694	ug/l		99
57) 1,3-Dichloropropane	9.305	76	222215	152.627	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.244	63	477342	867.884	ug/l		98
59) 2-Hexanone	9.433	43	725297	854.125	ug/l		99
60) Dibromochloromethane	9.525	129	147935	180.114	ug/l		96
61) 1,2-Dibromoethane	9.610	107	138071	163.194	ug/l		96
64) Tetrachloroethene	9.275	164	116610	140.037	ug/l		98
65) Chlorobenzene	10.079	112	402145	151.803	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.165	131	140192	167.506	ug/l		99
67) Ethyl Benzene	10.195	91	673841	157.791	ug/l		99
68) m/p-Xylenes	10.299	106	512726	314.294	ug/l		99
69) o-Xylene	10.640	106	258636	156.976	ug/l		98
70) Styrene	10.653	104	447990	168.468	ug/l		99
71) Bromoform	10.799	173	92662	193.901	ug/l	#	99
73) Isopropylbenzene	10.963	105	629873	149.524	ug/l		100
74) N-amyl acetate	10.842	43	278114	176.075	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	193147	148.484	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	182998m	153.300	ug/l		
77) Bromobenzene	11.195	156	159788	147.950	ug/l		98
78) n-propylbenzene	11.305	91	727552	152.207	ug/l		99
79) 2-Chlorotoluene	11.366	91	468188	142.640	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	546866	148.136	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	58889	185.196	ug/l		92
82) 4-Chlorotoluene	11.457	91	553305	145.525	ug/l		98
83) tert-Butylbenzene	11.713	119	525783	150.323	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	561544	148.469	ug/l		99
85) sec-Butylbenzene	11.890	105	632934	151.456	ug/l		99
86) p-Isopropyltoluene	12.006	119	547911	155.583	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	301274	148.072	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	293827	136.849	ug/l		99
89) n-Butylbenzene	12.335	91	480357	164.217	ug/l		100
90) Hexachloroethane	12.536	117	97690	174.368	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	293098	144.098	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	43190	184.777	ug/l		93
93) 1,2,4-Trichlorobenzene	13.585	180	185226	160.729	ug/l		100
94) Hexachlorobutadiene	13.725	225	67363	154.329	ug/l		97
95) Naphthalene	13.774	128	553747	154.508	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	177720	155.599	ug/l		96

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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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