Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052623\
Data File : VX035891.D
Acq On : 26 May 2023 18:14
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 29 07:24:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
Quant Title : SW846 8260
QLast Update : Mon May 29 07:19:34 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	195387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	350831	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152997	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	506994	146.017	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 292.040%#			
35) Dibromofluoromethane	5.385	113	366628	152.136	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 304.280%#			
50) Toluene-d8	8.653	98	1326788	150.018	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 300.040%#			
62) 4-Bromofluorobenzene	11.079	95	552350	158.515	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 317.020%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	394131	151.682	ug/l	98
3) Chloromethane	1.294	50	398311	148.669	ug/l	98
4) Vinyl Chloride	1.374	62	390698	151.814	ug/l	98
5) Bromomethane	1.611	94	237287	153.858	ug/l	99
6) Chloroethane	1.685	64	194183	135.040	ug/l	97
7) Trichlorofluoromethane	1.880	101	571601	148.007	ug/l	97
8) Diethyl Ether	2.130	74	217976	153.695	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	343687	150.142	ug/l	99
10) Methyl Iodide	2.447	142	379756	163.539	ug/l	100
11) Tert butyl alcohol	2.995	59	446046m	738.063	ug/l	
12) 1,1-Dichloroethene	2.313	96	325536	151.727	ug/l	99
13) Acrolein	2.239	56	468636	781.576	ug/l	100
14) Allyl chloride	2.660	41	667919	157.577	ug/l	97
15) Acrylonitrile	3.068	53	1048847	758.344	ug/l	99
16) Acetone	2.392	43	973614	694.563	ug/l	98
17) Carbon Disulfide	2.508	76	851829	171.409	ug/l	99
18) Methyl Acetate	2.703	43	814435	150.474	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	1253501	151.530	ug/l	99
20) Methylene Chloride	2.788	84	383776	151.787	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	362494	153.261	ug/l	99
22) Diisopropyl ether	3.763	45	1280040	150.389	ug/l #	87
23) Vinyl Acetate	3.721	43	4653273	784.812	ug/l	98
24) 1,1-Dichloroethane	3.605	63	711673	151.511	ug/l	99
25) 2-Butanone	4.562	43	1515405	747.380	ug/l	99
26) 2,2-Dichloropropane	4.477	77	591893	163.409	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	423421	153.900	ug/l	100
28) Bromochloromethane	4.897	49	353027	155.097	ug/l	98
29) Tetrahydrofuran	5.007	42	995415	758.808	ug/l	100
30) Chloroform	5.093	83	729899	151.470	ug/l	98
31) Cyclohexane	5.471	56	622325	150.903	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	661961	158.980	ug/l	99
36) 1,1-Dichloropropene	5.690	75	546270	149.283	ug/l	99
37) Ethyl Acetate	4.715	43	594364	150.045	ug/l	99
38) Carbon Tetrachloride	5.678	117	555407	161.037	ug/l	96
39) Methylcyclohexane	7.379	83	637762	152.746	ug/l	99
40) Benzene	6.037	78	1512875	147.608	ug/l	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.922	41	337825	149.815 ug/l	98
42) 1,2-Dichloroethane	6.086	62	625850	144.566 ug/l	99
43) Isopropyl Acetate	6.342	43	1005541	158.410 ug/l	99
44) Trichloroethene	7.123	130	388927	152.333 ug/l	100
45) 1,2-Dichloropropane	7.427	63	399013	147.628 ug/l	99
46) Dibromomethane	7.580	93	281967	151.932 ug/l	99
47) Bromodichloromethane	7.824	83	566051	163.638 ug/l	99
48) Methyl methacrylate	7.696	41	504628	154.869 ug/l	98
49) 1,4-Dioxane	7.720	88	187918	2702.447 ug/l #	80
51) 4-Methyl-2-Pentanone	8.580	43	2854665	722.430 ug/l	98
52) Toluene	8.720	92	957181	148.699 ug/l	99
53) t-1,3-Dichloropropene	8.976	75	646896	181.091 ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	672573	172.494 ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	389902	152.789 ug/l	99
56) Ethyl methacrylate	9.116	69	655672	163.183 ug/l	98
57) 1,3-Dichloropropane	9.311	76	681799	147.290 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1782255	838.354 ug/l	99
59) 2-Hexanone	9.433	43	2121248	710.238 ug/l	99
60) Dibromochloromethane	9.519	129	419071	179.477 ug/l	98
61) 1,2-Dibromoethane	9.610	107	419566	156.130 ug/l	99
64) Tetrachloroethene	9.275	164	315924	145.243 ug/l	97
65) Chlorobenzene	10.079	112	1027111	150.147 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	385490	164.242 ug/l	99
67) Ethyl Benzene	10.195	91	1879193	148.054 ug/l	98
68) m/p-Xylenes	10.305	106	1425901	303.641 ug/l	96
69) o-Xylene	10.640	106	718007	153.906 ug/l	96
70) Styrene	10.659	104	1210102	157.898 ug/l	99
71) Bromoform	10.799	173	279456	184.156 ug/l	100
73) Isopropylbenzene	10.963	105	1860042	149.896 ug/l	98
74) N-amyl acetate	10.848	43	847821	157.093 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	578007	142.510 ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	545815m	142.953 ug/l	
77) Bromobenzene	11.201	156	427192	152.626 ug/l	99
78) n-propylbenzene	11.305	91	2210381	152.834 ug/l	98
79) 2-Chlorotoluene	11.366	91	1341096	146.270 ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1597202	151.074 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	194026	152.988 ug/l	91
82) 4-Chlorotoluene	11.457	91	1554966	149.037 ug/l	99
83) tert-Butylbenzene	11.713	119	1572297	154.922 ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	1592882	150.449 ug/l	98
85) sec-Butylbenzene	11.890	105	1961223	154.632 ug/l	99
86) p-Isopropyltoluene	12.012	119	1656839	156.228 ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	806711	151.006 ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	803247	145.856 ug/l	99
89) n-Butylbenzene	12.335	91	1483168	159.108 ug/l	99
90) Hexachloroethane	12.542	117	282797	184.322 ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	761751	144.363 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	143261	168.789 ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	483548	155.855 ug/l	100
94) Hexachlorobutadiene	13.725	225	186323	149.776 ug/l	97
95) Naphthalene	13.774	128	1659117	153.921 ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	473849	153.260 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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