Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091123\
Data File : VX037647.D
Acq On : 11 Sep 2023 17:48
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 12 09:10:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 09:09:12 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	153452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	271110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47261	18.180	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	36.360%#		
35) Dibromofluoromethane	5.391	113	35978	18.924	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	37.840%#		
50) Toluene-d8	8.653	98	135230	18.768	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	37.540%#		
62) 4-Bromofluorobenzene	11.079	95	47041	18.979	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.960%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	33239	19.740	ug/l	98
3) Chloromethane	1.301	50	38579	18.195	ug/l	95
4) Vinyl Chloride	1.374	62	43336	19.139	ug/l	98
5) Bromomethane	1.593	94	37777	19.399	ug/l	97
6) Chloroethane	1.685	64	32692	20.824	ug/l	100
7) Trichlorofluoromethane	1.886	101	75798	19.599	ug/l	99
8) Diethyl Ether	2.136	74	29182	19.152	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	31300	18.731	ug/l	98
10) Methyl Iodide	2.453	142	37266	19.656	ug/l	95
11) Tert butyl alcohol	2.965	59	52509	100.000	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	30601	18.873	ug/l	90
13) Acrolein	2.233	56	40648	94.346	ug/l	99
14) Allyl chloride	2.660	41	54456	18.812	ug/l	97
15) Acrylonitrile	3.062	53	116222	95.466	ug/l	99
16) Acetone	2.380	43	103525	92.303	ug/l	93
17) Carbon Disulfide	2.508	76	74596	17.642	ug/l	100
18) Methyl Acetate	2.703	43	85831	19.075	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	120297	18.751	ug/l	99
20) Methylene Chloride	2.788	84	39960	19.943	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	35056	18.216	ug/l	92
22) Diisopropyl ether	3.764	45	119712	19.474	ug/l	94
23) Vinyl Acetate	3.727	43	448559	103.174	ug/l	97
24) 1,1-Dichloroethane	3.611	63	69405	18.895	ug/l	99
25) 2-Butanone	4.556	43	165151	95.595	ug/l	95
26) 2,2-Dichloropropane	4.471	77	49067	20.494	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	43039	19.165	ug/l	94
28) Bromochloromethane	4.904	49	34511	18.256	ug/l	94
29) Tetrahydrofuran	5.007	42	105219	96.051	ug/l	92
30) Chloroform	5.093	83	75555	19.264	ug/l	100
31) Cyclohexane	5.477	56	55649	18.902	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	62452	19.391	ug/l	100
36) 1,1-Dichloropropene	5.696	75	50697	18.550	ug/l	98
37) Ethyl Acetate	4.721	43	61020	20.155	ug/l	97
38) Carbon Tetrachloride	5.678	117	51465	19.978	ug/l	99
39) Methylcyclohexane	7.379	83	60618	19.353	ug/l	96
40) Benzene	6.037	78	159010	19.388	ug/l	98

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41) Methacrylonitrile	4.928	41	31924	19.889	ug/l		91
42) 1,2-Dichloroethane	6.086	62	61639	19.157	ug/l		99
43) Isopropyl Acetate	6.342	43	96832	20.678	ug/l		98
44) Trichloroethene	7.129	130	38715	19.668	ug/l		99
45) 1,2-Dichloropropane	7.434	63	42905	20.108	ug/l		99
46) Dibromomethane	7.586	93	30513	19.633	ug/l		99
47) Bromodichloromethane	7.824	83	54969	21.115	ug/l		100
48) Methyl methacrylate	7.696	41	47400	20.321	ug/l		88
49) 1,4-Dioxane	7.659	88	23936	399.725	ug/l	#	92
51) 4-Methyl-2-Pentanone	8.574	43	328744	102.801	ug/l		98
52) Toluene	8.720	92	101088	20.026	ug/l		94
53) t-1,3-Dichloropropene	8.982	75	53840	22.169	ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	59998	21.672	ug/l		94
55) 1,1,2-Trichloroethane	9.153	97	43387	19.895	ug/l		96
56) Ethyl methacrylate	9.116	69	66539	21.557	ug/l		94
57) 1,3-Dichloropropane	9.311	76	71669	19.364	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	139826	92.192	ug/l		98
59) 2-Hexanone	9.433	43	256254	106.627	ug/l		97
60) Dibromochloromethane	9.525	129	41160	21.409	ug/l		98
61) 1,2-Dibromoethane	9.610	107	45698	20.456	ug/l		99
64) Tetrachloroethene	9.275	164	31836	18.821	ug/l		98
65) Chlorobenzene	10.079	112	108474	19.060	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	37801	20.371	ug/l		97
67) Ethyl Benzene	10.195	91	196027	19.744	ug/l		98
68) m/p-Xylenes	10.305	106	148989	40.009	ug/l		100
69) o-Xylene	10.640	106	73378	19.972	ug/l		98
70) Styrene	10.659	104	122508	20.635	ug/l		97
71) Bromoform	10.799	173	28060	22.030	ug/l	#	99
73) Isopropylbenzene	10.963	105	194436	19.350	ug/l		100
74) N-amyl acetate	10.842	43	84958	20.015	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.213	83	74919	19.387	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	58124m	18.613	ug/l		
77) Bromobenzene	11.201	156	45162	18.911	ug/l		95
78) n-propylbenzene	11.305	91	224586	19.745	ug/l		99
79) 2-Chlorotoluene	11.366	91	136744	19.003	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	165213	19.976	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	16694	21.727	ug/l		94
82) 4-Chlorotoluene	11.457	91	156801	19.519	ug/l		99
83) tert-Butylbenzene	11.713	119	165129	20.184	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	166374	20.007	ug/l		99
85) sec-Butylbenzene	11.890	105	202601	19.903	ug/l		99
86) p-Isopropyltoluene	12.012	119	166010	20.179	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	84796	18.622	ug/l		98
88) 1,4-Dichlorobenzene	12.043	146	87254	18.784	ug/l		99
89) n-Butylbenzene	12.335	91	149450	20.788	ug/l		95
90) Hexachloroethane	12.536	117	27549	21.028	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	88487	19.095	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15443	20.522	ug/l		89
93) 1,2,4-Trichlorobenzene	13.585	180	49847	19.811	ug/l		98
94) Hexachlorobutadiene	13.725	225	22129	19.404	ug/l		99
95) Naphthalene	13.774	128	187328	20.735	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	50694	19.073	ug/l		98

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

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