Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101722\
Data File : VX032150.D
Acq On : 17 Oct 2022 11:18
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 18 03:51:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101722W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 03:50:38 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	144989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	241140	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount 50.000	Range 74 - 125		Recovery =	0.000%#		
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#		
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%#		
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount 50.000	Range 83 - 123		Recovery =	0.000%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	1601	1.003	ug/l	85
3) Chloromethane	1.288	50	1733	1.124	ug/l	95
4) Vinyl Chloride	1.374	62	1873	1.090	ug/l	94
6) Chloroethane	1.685	64	1306	1.024	ug/l	97
7) Trichlorofluoromethane	1.886	101	2694	1.005	ug/l	99
8) Diethyl Ether	2.130	74	757	0.854	ug/l	64
9) 1,1,2-Trichlorotrifluo...	2.325	101	1182	0.933	ug/l #	89
12) 1,1-Dichloroethene	2.319	96	1288	1.088	ug/l #	73
14) Allyl chloride	2.666	41	1689	0.808	ug/l	98
15) Acrylonitrile	3.069	53	3312	4.344	ug/l	96
16) Acetone	2.386	43	3122	5.623	ug/l	89
17) Carbon Disulfide	2.508	76	2966	0.999	ug/l	99
18) Methyl Acetate	2.703	43	1857	0.821	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	4219	0.859	ug/l	98
20) Methylene Chloride	2.788	84	1917	1.123	ug/l	87
21) trans-1,2-Dichloroethene	3.087	96	1647	1.027	ug/l #	79
22) Diisopropyl ether	3.764	45	4970	0.957	ug/l	90
23) Vinyl Acetate	3.727	43	17842	4.396	ug/l	97
24) 1,1-Dichloroethane	3.605	63	3088	1.020	ug/l #	86
25) 2-Butanone	4.568	43	6312	5.321	ug/l #	86
26) 2,2-Dichloropropane	4.477	77	2227	0.934	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	1801	0.934	ug/l	96
28) Bromochloromethane	4.904	49	1331	1.076	ug/l #	96
29) Tetrahydrofuran	5.026	42	3563	5.008	ug/l #	87
30) Chloroform	5.080	83	3389	1.023	ug/l #	82
32) 1,1,1-Trichloroethane	5.385	97	2687m	1.011	ug/l	
36) 1,1-Dichloropropene	5.690	75	2627	1.104	ug/l	94
37) Ethyl Acetate	4.715	43	2559	1.071	ug/l #	81
38) Carbon Tetrachloride	5.672	117	2428	0.963	ug/l	94
39) Methylcyclohexane	7.379	83	2893	1.013	ug/l	94
40) Benzene	6.038	78	6451	0.969	ug/l	96
41) Methacrylonitrile	4.934	41	1141	0.926	ug/l #	58
42) 1,2-Dichloroethane	6.092	62	2708	0.971	ug/l	91
43) Isopropyl Acetate	6.336	43	3422	0.951	ug/l	96
44) Trichloroethene	7.129	130	1987	1.059	ug/l	75
45) 1,2-Dichloropropane	7.428	63	1539	0.928	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.580	93	1347	1.057	ug/l		98
47) Bromodichloromethane	7.818	83	2129	0.897	ug/l	#	92
48) Methyl methacrylate	7.702	41	1559	0.855	ug/l		92
49) 1,4-Dioxane	7.696	88	733	19.596	ug/l	#	95
51) 4-Methyl-2-Pentanone	8.574	43	10298	4.665	ug/l		100
52) Toluene	8.720	92	4156	0.980	ug/l		96
53) t-1,3-Dichloropropene	8.976	75	1968	0.929	ug/l		98
54) cis-1,3-Dichloropropene	8.373	75	2061	0.829	ug/l		90
55) 1,1,2-Trichloroethane	9.153	97	1524	0.946	ug/l	#	85
56) Ethyl methacrylate	9.116	69	2114	0.919	ug/l	#	94
57) 1,3-Dichloropropane	9.311	76	2748	0.973	ug/l		96
58) 2-Chloroethyl Vinyl ether	8.238	63	5937	5.210	ug/l		99
59) 2-Hexanone	9.433	43	7526	4.602	ug/l		100
60) Dibromochloromethane	9.519	129	1504	0.903	ug/l		96
61) 1,2-Dibromoethane	9.610	107	1681	0.967	ug/l		96
64) Tetrachloroethene	9.275	164	1898	1.081	ug/l		91
65) Chlorobenzene	10.080	112	4935	1.063	ug/l		91
66) 1,1,1,2-Tetrachloroethane	10.159	131	1437	0.893	ug/l	#	66
67) Ethyl Benzene	10.195	91	8035	0.985	ug/l		98
68) m/p-Xylenes	10.299	106	5991	1.915	ug/l		99
69) o-Xylene	10.640	106	3037	0.987	ug/l		95
70) Styrene	10.653	104	4416	0.888	ug/l		97
71) Bromoform	10.799	173	976	0.863	ug/l	#	84
73) Isopropylbenzene	10.964	105	7243	0.973	ug/l		98
74) N-amyl acetate	10.848	43	2273	0.872	ug/l		94
75) 1,1,2,2-Tetrachloroethane	11.214	83	2433	1.020	ug/l		96
76) 1,2,3-Trichloropropane	11.238	75	2016m	0.928	ug/l		
77) Bromobenzene	11.201	156	1734	0.957	ug/l		82
78) n-propylbenzene	11.305	91	8464	0.949	ug/l		99
79) 2-Chlorotoluene	11.366	91	5636	1.023	ug/l		92
80) 1,3,5-Trimethylbenzene	11.451	105	5977	0.910	ug/l		100
82) 4-Chlorotoluene	11.457	91	6668	1.039	ug/l		90
83) tert-Butylbenzene	11.713	119	6508	1.007	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	6084	0.920	ug/l		96
85) sec-Butylbenzene	11.890	105	7644	0.945	ug/l		95
86) p-Isopropyltoluene	12.012	119	6948	1.032	ug/l		95
87) 1,3-Dichlorobenzene	11.969	146	3759	1.073	ug/l		94
88) 1,4-Dichlorobenzene	12.043	146	4014m	1.136	ug/l		
89) n-Butylbenzene	12.335	91	5618	1.012	ug/l		98
90) Hexachloroethane	12.530	117	835	0.894	ug/l		81
91) 1,2-Dichlorobenzene	12.335	146	4004	1.197	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	266	0.626	ug/l		81
93) 1,2,4-Trichlorobenzene	13.591	180	1517	0.816	ug/l		96
94) Hexachlorobutadiene	13.725	225	700	0.899	ug/l		88
95) Naphthalene	13.774	128	5006	0.806	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	1596	0.858	ug/l		92

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

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