Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043916.D
Acq On : 20 Nov 2024 16:11
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 21 05:46:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 05:45:57 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.544	168	190961	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.751	114	332307	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	281891	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	117654	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 77 - 121		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.167	85	1581	0.818	ug/l		94
3) Chloromethane	1.295	50	2164	0.896	ug/l		89
4) Vinyl Chloride	1.374	62	2289	0.943	ug/l		96
6) Chloroethane	1.660	64	1417	1.223	ug/l		97
7) Trichlorofluoromethane	1.868	101	3248	0.939	ug/l		95
8) Diethyl Ether	2.130	74	1276	0.978	ug/l		77
9) 1,1,2-Trichlorotrifluo...	2.319	101	1683	0.822	ug/l		96
12) 1,1-Dichloroethene	2.313	96	1459	0.734	ug/l		87
14) Allyl chloride	2.654	41	2428	0.754	ug/l	#	80
15) Acrylonitrile	3.081	53	5292	4.407	ug/l		99
16) Acetone	2.386	43	6333	5.376	ug/l		98
17) Carbon Disulfide	2.496	76	4071	0.938	ug/l		95
18) Methyl Acetate	2.703	43	3413	1.058	ug/l		90
19) Methyl tert-butyl Ether	3.105	73	6652	0.906	ug/l		95
20) Methylene Chloride	2.776	84	2566	1.041	ug/l	#	79
21) trans-1,2-Dichloroethene	3.081	96	2100	0.969	ug/l		92
22) Diisopropyl ether	3.758	45	6533	0.928	ug/l	#	57
23) Vinyl Acetate	3.727	43	21428	3.756	ug/l		98
24) 1,1-Dichloroethane	3.599	63	3780	0.913	ug/l	#	81
25) 2-Butanone	4.587	43	7040	4.272	ug/l	#	80
26) 2,2-Dichloropropane	4.465	77	2993	0.880	ug/l		82
27) cis-1,2-Dichloroethene	4.489	96	2501	0.928	ug/l		100
28) Bromochloromethane	4.898	49	1669	0.958	ug/l	#	93
29) Tetrahydrofuran	5.019	42	4641	4.358	ug/l	#	44
30) Chloroform	5.087	83	3881	0.900	ug/l		95
32) 1,1,1-Trichloroethane	5.379	97	3108	0.843	ug/l	#	48
36) 1,1-Dichloropropene	5.684	75	2931	1.054	ug/l		97
37) Ethyl Acetate	4.751	43	2869m	0.908	ug/l		
38) Carbon Tetrachloride	5.654	117	2726	0.926	ug/l	#	84
39) Methylcyclohexane	7.373	83	3207	0.921	ug/l	#	77
40) Benzene	6.038	78	8218	0.940	ug/l		100
41) Methacrylonitrile	4.934	41	1395	0.855	ug/l	#	79
42) 1,2-Dichloroethane	6.092	62	3064	0.965	ug/l		82
43) Isopropyl Acetate	6.355	43	4194	0.849	ug/l	#	89
44) Trichloroethene	7.129	130	3248	1.348	ug/l		96
45) 1,2-Dichloropropane	7.434	63	2064	0.963	ug/l		99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 05:45:57 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 11/21/2024
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) Dibromomethane	7.580	93	1556	0.964 ug/l	96
47) Bromodichloromethane	7.824	83	2386	0.841 ug/l #	83
48) Methyl methacrylate	7.708	41	2426m	0.991 ug/l	
49) 1,4-Dioxane	7.690	88	731m	14.065 ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	13839	4.495 ug/l	98
52) Toluene	8.720	92	4957	0.983 ug/l	100
53) t-1,3-Dichloropropene	8.988	75	2647	0.920 ug/l #	88
54) cis-1,3-Dichloropropene	8.373	75	2762	0.847 ug/l #	87
55) 1,1,2-Trichloroethane	9.159	97	1933	0.982 ug/l #	75
56) Ethyl methacrylate	9.122	69	2381	0.764 ug/l	91
57) 1,3-Dichloropropane	9.311	76	3337	1.012 ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	7629	4.669 ug/l	98
59) 2-Hexanone	9.439	43	9046	4.165 ug/l	97
60) Dibromochloromethane	9.525	129	1557	0.812 ug/l	100
61) 1,2-Dibromoethane	9.616	107	2055	1.001 ug/l	99
64) Tetrachloroethene	9.269	164	1835	1.015 ug/l #	82
65) Chlorobenzene	10.080	112	5915	1.005 ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.159	131	1603	0.818 ug/l #	57
67) Ethyl Benzene	10.195	91	8407	0.848 ug/l	97
68) m/p-Xylenes	10.305	106	6246	1.692 ug/l	92
69) o-Xylene	10.640	106	2818	0.782 ug/l	89
70) Styrene	10.659	104	4241	0.715 ug/l #	89
71) Bromoform	10.799	173	842	3.363 ug/l #	98
73) Isopropylbenzene	10.964	105	7229	0.861 ug/l	97
74) N-amyl acetate	10.848	43	2623	3.420 ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.214	83	2345	0.826 ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	1979m	0.824 ug/l	
77) Bromobenzene	11.207	156	1732	0.841 ug/l	94
78) n-propylbenzene	11.305	91	7191	0.776 ug/l	99
79) 2-Chlorotoluene	11.366	91	5218	0.885 ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	5819	0.836 ug/l	99
82) 4-Chlorotoluene	11.457	91	6218	0.916 ug/l	96
83) tert-Butylbenzene	11.713	119	6452	0.906 ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	5926	0.838 ug/l	97
85) sec-Butylbenzene	11.890	105	7315	0.860 ug/l	93
86) p-Isopropyltoluene	12.012	119	6068	0.850 ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	3768	0.988 ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	4214m	1.078 ug/l	
89) n-Butylbenzene	12.335	91	4688	0.771 ug/l	98
90) Hexachloroethane	12.536	117	1028	3.579 ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	4040	1.012 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	441	4.084 ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	2035	0.872 ug/l	88
94) Hexachlorobutadiene	13.719	225	1031	1.078 ug/l	92
95) Naphthalene	13.780	128	7858	0.903 ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2267	0.932 ug/l	95

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

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