

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102624\
 Data File : VX043536.D
 Acq On : 25 Oct 2024 23:02
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2024
 Supervised By :Mahesh Dadoda 10/28/2024

Quant Time: Oct 26 04:22:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102624W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 26 04:20:35 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	137349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	245809	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	11057	5.075	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.140%#		
35) Dibromofluoromethane	5.385	113	8065	4.927	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.860%#		
50) Toluene-d8	8.647	98	28651	5.048	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.100%#		
62) 4-Bromofluorobenzene	11.079	95	10028	4.838	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.680%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	8673	5.665	ug/l	96
3) Chloromethane	1.294	50	10450	5.350	ug/l	93
4) Vinyl Chloride	1.374	62	9373	5.268	ug/l	99
5) Bromomethane	1.593	94	3717	5.349	ug/l	84
6) Chloroethane	1.660	64	2851	4.897	ug/l #	73
7) Trichlorofluoromethane	1.855	101	12453	5.333	ug/l	90
8) Diethyl Ether	2.136	74	5132	5.032	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.313	101	7852	5.328	ug/l	98
10) Methyl Iodide	2.441	142	10094	4.946	ug/l	99
11) Tert butyl alcohol	3.026	59	10931	23.490	ug/l #	100
12) 1,1-Dichloroethene	2.300	96	7544	5.206	ug/l	99
13) Acrolein	2.239	56	9547	26.035	ug/l	94
14) Allyl chloride	2.654	41	12096	4.704	ug/l	98
15) Acrylonitrile	3.068	53	25677	24.909	ug/l	99
16) Acetone	2.398	43	23558	25.331	ug/l	98
17) Carbon Disulfide	2.495	76	13103	4.369	ug/l	99
18) Methyl Acetate	2.715	43	13988	5.005	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	28291	5.018	ug/l	93
20) Methylene Chloride	2.782	84	9295	5.114	ug/l	90
21) trans-1,2-Dichloroethene	3.081	96	7996	5.097	ug/l	98
22) Diisopropyl ether	3.770	45	26829	5.055	ug/l	97
23) Vinyl Acetate	3.727	43	103817	23.679	ug/l	98
24) 1,1-Dichloroethane	3.605	63	14994	5.009	ug/l	97
25) 2-Butanone	4.587	43	35099	24.849	ug/l	90
26) 2,2-Dichloropropane	4.458	77	10740	4.978	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	10077	5.155	ug/l	97
28) Bromochloromethane	4.897	49	6988	4.719	ug/l #	96
29) Tetrahydrofuran	5.019	42	23791	25.795	ug/l	98
30) Chloroform	5.099	83	16173	5.052	ug/l	94
31) Cyclohexane	5.464	56	12848	5.410	ug/l #	90
32) 1,1,1-Trichloroethane	5.373	97	13358	4.965	ug/l	98
36) 1,1-Dichloropropene	5.684	75	10560	5.451	ug/l	97
37) Ethyl Acetate	4.739	43	12586	4.761	ug/l	97
38) Carbon Tetrachloride	5.672	117	11246	5.109	ug/l	93
39) Methylcyclohexane	7.373	83	13321	5.362	ug/l	89
40) Benzene	6.037	78	34829	5.378	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	6515	4.899	ug/l	91
42) 1,2-Dichloroethane	6.086	62	12213	5.127	ug/l	100
43) Isopropyl Acetate	6.348	43	20668	4.942	ug/l	98
44) Trichloroethene	7.129	130	8075	5.260	ug/l	83
45) 1,2-Dichloropropane	7.434	63	7711	4.876	ug/l	93
46) Dibromomethane	7.586	93	5782	4.760	ug/l	92
47) Bromodichloromethane	7.824	83	10350	4.803	ug/l	95
48) Methyl methacrylate	7.702	41	9143	4.683	ug/l	94
49) 1,4-Dioxane	7.677	88	5009	99.852	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	68002	25.662	ug/l	99
52) Toluene	8.720	92	20773	5.203	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	9941	4.558	ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	11414	4.766	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	8513	5.053	ug/l	94
56) Ethyl methacrylate	9.122	69	13562	4.981	ug/l	100
57) 1,3-Dichloropropane	9.311	76	14564	5.235	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.244	63	32052	23.931	ug/l	97
59) 2-Hexanone	9.433	43	50903	25.404	ug/l	97
60) Dibromochloromethane	9.519	129	6936	4.400	ug/l	100
61) 1,2-Dibromoethane	9.610	107	8674	5.107	ug/l	96
64) Tetrachloroethene	9.275	164	7254	5.404	ug/l	95
65) Chlorobenzene	10.079	112	23414	5.248	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	7394	4.907	ug/l	96
67) Ethyl Benzene	10.195	91	39085	5.267	ug/l	94
68) m/p-Xylenes	10.305	106	28791	10.240	ug/l	99
69) o-Xylene	10.640	106	14648	5.068	ug/l	98
70) Styrene	10.659	104	22932	4.902	ug/l	96
71) Bromoform	10.799	173	3995	6.789	ug/l #	93
73) Isopropylbenzene	10.963	105	36185	5.315	ug/l	98
74) N-amyl acetate	10.848	43	16496	4.811	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	13611	5.219	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	11981m	5.411	ug/l	
77) Bromobenzene	11.201	156	8954	5.152	ug/l	96
78) n-propylbenzene	11.305	91	36953	5.093	ug/l	97
79) 2-Chlorotoluene	11.366	91	26058	5.353	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	28688	5.076	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.024	75	2761	8.151	ug/l	90
82) 4-Chlorotoluene	11.457	91	27839	5.168	ug/l	99
83) tert-Butylbenzene	11.713	119	30222	5.243	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	30192	5.223	ug/l	99
85) sec-Butylbenzene	11.890	105	34874	5.224	ug/l	98
86) p-Isopropyltoluene	12.006	119	27408	4.956	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	16026	5.139	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	16618	5.287	ug/l	96
89) n-Butylbenzene	12.335	91	21467	4.788	ug/l	100
90) Hexachloroethane	12.536	117	4218	4.714	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	16333	5.080	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2543	4.583	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	8662	4.600	ug/l	98
94) Hexachlorobutadiene	13.719	225	3326	4.991	ug/l	97
95) Naphthalene	13.780	128	36886	4.774	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	9325	4.734	ug/l	97

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

