

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
 Data File : VX043487.D
 Acq On : 23 Oct 2024 13:59
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102324

Quant Time: Oct 24 05:00:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 04:54:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
 Supervised By :Semsettin Yesilyurt 10/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	78486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147737	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59741	44.367	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.740%		
35) Dibromofluoromethane	5.385	113	48502	47.728	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.460%		
50) Toluene-d8	8.647	98	169415	47.495	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.000%		
62) 4-Bromofluorobenzene	11.079	95	64892	49.162	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	41207	46.455	ug/l	96
3) Chloromethane	1.294	50	50884	43.603	ug/l	95
4) Vinyl Chloride	1.380	62	46696	45.142	ug/l	97
5) Bromomethane	1.599	94	20563	45.270	ug/l	99
6) Chloroethane	1.666	64	16506	41.854	ug/l	97
7) Trichlorofluoromethane	1.861	101	64856	44.980	ug/l	97
8) Diethyl Ether	2.142	74	26156	42.853	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	40625	47.352	ug/l	98
10) Methyl Iodide	2.447	142	49950	44.928	ug/l	99
11) Tert butyl alcohol	3.026	59	42331m	221.090	ug/l	
12) 1,1-Dichloroethene	2.306	96	40465	47.306	ug/l	97
13) Acrolein	2.245	56	40595	219.532	ug/l	99
14) Allyl chloride	2.660	41	71865	43.423	ug/l	99
15) Acrylonitrile	3.068	53	104556	225.372	ug/l	98
16) Acetone	2.398	43	121029	241.337	ug/l	97
17) Carbon Disulfide	2.502	76	82481	45.076	ug/l	97
18) Methyl Acetate	2.709	43	57273	41.211	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	146342	46.372	ug/l	93
20) Methylene Chloride	2.788	84	48429	43.337	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	45528	45.854	ug/l	95
22) Diisopropyl ether	3.763	45	157506	46.996	ug/l	98
23) Vinyl Acetate	3.721	43	571526	238.937	ug/l	100
24) 1,1-Dichloroethane	3.605	63	90247	46.055	ug/l	98
25) 2-Butanone	4.568	43	159723	230.366	ug/l	99
26) 2,2-Dichloropropane	4.465	77	78439	47.944	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	58452	46.734	ug/l	100
28) Bromochloromethane	4.891	49	39202	46.314	ug/l	97
29) Tetrahydrofuran	5.013	42	95347	221.010	ug/l	99
30) Chloroform	5.086	83	95502	44.415	ug/l	97
31) Cyclohexane	5.458	56	64905	47.059	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	79542	46.394	ug/l	99
36) 1,1-Dichloropropene	5.684	75	58914	48.955	ug/l	99
37) Ethyl Acetate	4.721	43	56567	42.563	ug/l	99
38) Carbon Tetrachloride	5.666	117	63530	48.295	ug/l	96
39) Methylcyclohexane	7.373	83	71537	49.815	ug/l	98
40) Benzene	6.031	78	196690	47.437	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	29833	46.887	ug/l	97
42) 1,2-Dichloroethane	6.086	62	71086	47.981	ug/l	99
43) Isopropyl Acetate	6.342	43	98694	45.991	ug/l	98
44) Trichloroethene	7.123	130	46593	43.864	ug/l	100
45) 1,2-Dichloropropane	7.421	63	47537	49.826	ug/l	93
46) Dibromomethane	7.580	93	32140	47.125	ug/l	99
47) Bromodichloromethane	7.824	83	66221	48.171	ug/l #	98
48) Methyl methacrylate	7.696	41	47285	47.070	ug/l	98
49) 1,4-Dioxane	7.677	88	16814	955.724	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	296576	233.914	ug/l	98
52) Toluene	8.714	92	120453	48.350	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	65414	50.628	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	75855	52.258	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	41895	46.931	ug/l	97
56) Ethyl methacrylate	9.116	69	64914	48.514	ug/l	99
57) 1,3-Dichloropropane	9.305	76	73318	47.250	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	146565	250.032	ug/l	98
59) 2-Hexanone	9.433	43	229604	243.923	ug/l	99
60) Dibromochloromethane	9.519	129	44019	50.286	ug/l	95
61) 1,2-Dibromoethane	9.610	107	44018	48.816	ug/l	95
64) Tetrachloroethene	9.269	164	42570	46.580	ug/l	96
65) Chlorobenzene	10.079	112	136043	46.791	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	45138	49.140	ug/l	98
67) Ethyl Benzene	10.189	91	228760	48.808	ug/l	100
68) m/p-Xylenes	10.299	106	174073	97.224	ug/l	100
69) o-Xylene	10.640	106	88814	49.115	ug/l	97
70) Styrene	10.652	104	148635	50.071	ug/l	99
71) Bromoform	10.799	173	25222	48.089	ug/l #	98
73) Isopropylbenzene	10.963	105	216443	48.047	ug/l	100
74) N-amyl acetate	10.841	43	80385	43.996	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	59102	42.487	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	55321m	45.142	ug/l	
77) Bromobenzene	11.195	156	53078	45.957	ug/l	99
78) n-propylbenzene	11.305	91	245458	48.019	ug/l	99
79) 2-Chlorotoluene	11.360	91	162810	46.384	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	187967	47.613	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	15625	45.950	ug/l	97
82) 4-Chlorotoluene	11.451	91	189518	46.611	ug/l	97
83) tert-Butylbenzene	11.713	119	174636	46.689	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	194424	48.069	ug/l	100
85) sec-Butylbenzene	11.890	105	215360	48.190	ug/l	99
86) p-Isopropyltoluene	12.006	119	187778	49.861	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	102749	47.223	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	101029	44.166	ug/l	99
89) n-Butylbenzene	12.329	91	157542	50.363	ug/l	100
90) Hexachloroethane	12.536	117	29186	48.714	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	97586	44.864	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11871	47.491	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	57569	46.714	ug/l	99
94) Hexachlorobutadiene	13.725	225	22905	49.070	ug/l	95
95) Naphthalene	13.774	128	163327	43.811	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	56296	46.090	ug/l	98

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

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