

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040418.D
 Acq On : 23 Feb 2024 00:13
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022224

Quant Time: Feb 23 06:55:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:47:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	83620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	146421	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72151	52.981	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.960%			
35) Dibromofluoromethane	5.385	113	52071	52.773	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.540%			
50) Toluene-d8	8.647	98	181923	51.044	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.080%			
62) 4-Bromofluorobenzene	11.079	95	70825	49.591	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	48709	48.326	ug/l	98
3) Chloromethane	1.295	50	56549	49.629	ug/l	95
4) Vinyl Chloride	1.374	62	56108	49.371	ug/l	100
5) Bromomethane	1.599	94	34326	51.341	ug/l	98
6) Chloroethane	1.679	64	34949	51.025	ug/l	97
7) Trichlorofluoromethane	1.886	101	81319	44.848	ug/l	100
8) Diethyl Ether	2.130	74	32706	50.495	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	42319	44.170	ug/l	99
10) Methyl Iodide	2.453	142	58517	52.490	ug/l	95
11) Tert butyl alcohol	2.959	59	69095	262.479	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	44766	48.444	ug/l	95
13) Acrolein	2.233	56	81590	259.057	ug/l	99
14) Allyl chloride	2.660	41	83573	48.969	ug/l	95
15) Acrylonitrile	3.063	53	160456	259.988	ug/l	98
16) Acetone	2.380	43	142264	250.716	ug/l	95
17) Carbon Disulfide	2.514	76	120860	47.573	ug/l	99
18) Methyl Acetate	2.703	43	78585	53.466	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	171042	51.912	ug/l	100
20) Methylene Chloride	2.788	84	55062	46.344	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	48710	46.715	ug/l	99
22) Diisopropyl ether	3.764	45	175330	51.974	ug/l	90
23) Vinyl Acetate	3.721	43	812820	264.012	ug/l	99
24) 1,1-Dichloroethane	3.611	63	97115	49.782	ug/l	100
25) 2-Butanone	4.556	43	231138	261.278	ug/l	100
26) 2,2-Dichloropropane	4.471	77	60742	47.705	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	58010	49.924	ug/l	98
28) Bromochloromethane	4.898	49	43867	48.211	ug/l	100
29) Tetrahydrofuran	5.001	42	152910	259.657	ug/l	98
30) Chloroform	5.093	83	102358	48.683	ug/l	97
31) Cyclohexane	5.471	56	73246	44.862	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	84905	48.779	ug/l	99
36) 1,1-Dichloropropene	5.690	75	70863	46.406	ug/l	99
37) Ethyl Acetate	4.715	43	89077	51.058	ug/l	99
38) Carbon Tetrachloride	5.678	117	67642	47.878	ug/l	98
39) Methylcyclohexane	7.379	83	74140	45.812	ug/l	99
40) Benzene	6.038	78	204336	49.188	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	47404	51.170	ug/l	93
42) 1,2-Dichloroethane	6.086	62	88639	51.342	ug/l	99
43) Isopropyl Acetate	6.342	43	141816	52.976	ug/l	98
44) Trichloroethene	7.123	130	51469	47.372	ug/l	100
45) 1,2-Dichloropropane	7.428	63	55458	50.024	ug/l	97
46) Dibromomethane	7.580	93	41576	49.986	ug/l	99
47) Bromodichloromethane	7.818	83	80498	52.002	ug/l	99
48) Methyl methacrylate	7.690	41	73177	55.198	ug/l	94
49) 1,4-Dioxane	7.653	88	31169	1166.422	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	482269	265.252	ug/l	98
52) Toluene	8.720	92	125854	49.436	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	81714	52.359	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	86018	51.739	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	55991	51.365	ug/l	94
56) Ethyl methacrylate	9.116	69	90947	54.604	ug/l	96
57) 1,3-Dichloropropane	9.305	76	94990	50.022	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	215556	258.105	ug/l	95
59) 2-Hexanone	9.427	43	381317	271.935	ug/l	99
60) Dibromochloromethane	9.519	129	57884	52.956	ug/l	99
61) 1,2-Dibromoethane	9.610	107	61321	52.339	ug/l	97
64) Tetrachloroethene	9.275	164	44245	44.390	ug/l	99
65) Chlorobenzene	10.080	112	133736	48.763	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	50719	52.882	ug/l	99
67) Ethyl Benzene	10.195	91	247342	48.076	ug/l	99
68) m/p-Xylenes	10.299	106	183908	98.032	ug/l	96
69) o-Xylene	10.640	106	90541	48.826	ug/l	95
70) Styrene	10.653	104	154226	50.454	ug/l	99
71) Bromoform	10.799	173	41126	53.040	ug/l #	98
73) Isopropylbenzene	10.964	105	235519	48.020	ug/l	100
74) N-amyl acetate	10.842	43	127613	56.078	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	93785	53.490	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	78563m	50.970	ug/l	
77) Bromobenzene	11.201	156	57440	47.929	ug/l	98
78) n-propylbenzene	11.305	91	289822	47.838	ug/l	97
79) 2-Chlorotoluene	11.366	91	173216	47.906	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	203714	48.890	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	23324	52.653	ug/l	99
82) 4-Chlorotoluene	11.451	91	203118	47.933	ug/l	99
83) tert-Butylbenzene	11.713	119	188567	48.012	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	204283	48.590	ug/l	99
85) sec-Butylbenzene	11.890	105	248604	47.548	ug/l	98
86) p-Isopropyltoluene	12.006	119	201069	48.131	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	109102	47.599	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	110745	46.604	ug/l	99
89) n-Butylbenzene	12.329	91	191749	46.651	ug/l	98
90) Hexachloroethane	12.536	117	33908	50.682	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	106830	48.197	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23336	58.365	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	70083	49.112	ug/l	96
94) Hexachlorobutadiene	13.725	225	25651	49.632	ug/l	98
95) Naphthalene	13.774	128	243219	53.113	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	68606	49.935	ug/l	98

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

