

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040016.D
 Acq On : 30 Jan 2024 13:55
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX013024

Quant Time: Jan 31 05:34:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 05:24:02 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/31/2024
 Supervised By : Semsettin Yesilyurt 01/31/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	90630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	161037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70752	48.508	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.020%		
35) Dibromofluoromethane	5.385	113	53905	49.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.340%		
50) Toluene-d8	8.647	98	196829	48.012	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.020%		
62) 4-Bromofluorobenzene	11.079	95	79439	50.324	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52128	51.066	ug/l	96
3) Chloromethane	1.294	50	44041	45.493	ug/l	98
4) Vinyl Chloride	1.374	62	43661	48.765	ug/l	97
5) Bromomethane	1.593	94	36586	42.035	ug/l	99
6) Chloroethane	1.684	64	29063	49.169	ug/l	98
7) Trichlorofluoromethane	1.886	101	67199	47.173	ug/l	97
8) Diethyl Ether	2.129	74	26598	52.813	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	53584	50.414	ug/l	98
10) Methyl Iodide	2.453	142	64372	56.894	ug/l	95
11) Tert butyl alcohol	2.959	59	71742	271.076	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	50442	49.484	ug/l	90
13) Acrolein	2.233	56	66890	263.797	ug/l	100
14) Allyl chloride	2.660	41	93906	51.107	ug/l	98
15) Acrylonitrile	3.062	53	173711	262.023	ug/l	100
16) Acetone	2.373	43	167000	244.362	ug/l	92
17) Carbon Disulfide	2.507	76	146638	49.201	ug/l	100
18) Methyl Acetate	2.696	43	92973	57.426	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	187984	53.835	ug/l	99
20) Methylene Chloride	2.788	84	62161	51.182	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	58430	52.049	ug/l	92
22) Diisopropyl ether	3.757	45	190014	53.387	ug/l	93
23) Vinyl Acetate	3.721	43	868864	272.775	ug/l	99
24) 1,1-Dichloroethane	3.605	63	105000	51.510	ug/l	99
25) 2-Butanone	4.550	43	245831	258.766	ug/l	97
26) 2,2-Dichloropropane	4.471	77	80641	50.701	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	67053	53.531	ug/l	93
28) Bromochloromethane	4.891	49	48554	51.081	ug/l	97
29) Tetrahydrofuran	4.995	42	161287	267.010	ug/l	98
30) Chloroform	5.092	83	111736	51.048	ug/l	97
31) Cyclohexane	5.470	56	87179	47.716	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	91382	48.647	ug/l	99
36) 1,1-Dichloropropene	5.690	75	78458	49.487	ug/l	98
37) Ethyl Acetate	4.708	43	92824	53.610	ug/l	98
38) Carbon Tetrachloride	5.672	117	75649	49.868	ug/l	97
39) Methylcyclohexane	7.379	83	95261	49.385	ug/l	95
40) Benzene	6.037	78	234250	50.729	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	50441	57.444	ug/l	93
42) 1,2-Dichloroethane	6.086	62	89178	50.169	ug/l	98
43) Isopropyl Acetate	6.336	43	148212	54.281	ug/l	99
44) Trichloroethene	7.122	130	58979	48.536	ug/l	95
45) 1,2-Dichloropropane	7.427	63	61718	50.621	ug/l	99
46) Dibromomethane	7.580	93	46401	50.704	ug/l	97
47) Bromodichloromethane	7.817	83	83803	51.417	ug/l	98
48) Methyl methacrylate	7.689	41	73275	54.477	ug/l	93
49) 1,4-Dioxane	7.659	88	30926	1058.074	ug/l #	92
51) 4-Methyl-2-Pentanone	8.567	43	489413	262.574	ug/l	100
52) Toluene	8.720	92	143638	49.907	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	89677	53.050	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	97283	53.933	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	61647	51.747	ug/l	98
56) Ethyl methacrylate	9.116	69	96049	55.211	ug/l	97
57) 1,3-Dichloropropane	9.305	76	102585	52.277	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	234089	267.586	ug/l	97
59) 2-Hexanone	9.427	43	391920	263.719	ug/l	100
60) Dibromochloromethane	9.518	129	63462	53.015	ug/l	100
61) 1,2-Dibromoethane	9.610	107	66151	51.361	ug/l	99
64) Tetrachloroethene	9.275	164	46387	48.259	ug/l	97
65) Chlorobenzene	10.079	112	155121	50.802	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	55559	53.879	ug/l	99
67) Ethyl Benzene	10.195	91	286296	52.258	ug/l	100
68) m/p-Xylenes	10.299	106	219895	106.691	ug/l	100
69) o-Xylene	10.640	106	107183	54.824	ug/l	100
70) Styrene	10.652	104	179194	54.383	ug/l	99
71) Bromoform	10.799	173	43868	52.242	ug/l #	99
73) Isopropylbenzene	10.963	105	278234	49.659	ug/l	99
74) N-amyl acetate	10.841	43	134862	50.513	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	104165	49.449	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	86645m	52.146	ug/l	
77) Bromobenzene	11.195	156	65395	50.598	ug/l	99
78) n-propylbenzene	11.305	91	348617	50.563	ug/l	99
79) 2-Chlorotoluene	11.360	91	204399	49.244	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	242945	50.442	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	28356	53.333	ug/l	97
82) 4-Chlorotoluene	11.451	91	245091	51.446	ug/l	100
83) tert-Butylbenzene	11.713	119	230112	49.929	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	247522	51.502	ug/l	97
85) sec-Butylbenzene	11.890	105	301661	49.403	ug/l	100
86) p-Isopropyltoluene	12.006	119	252045	50.549	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	131242	50.336	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	133432	49.994	ug/l	100
89) n-Butylbenzene	12.329	91	242604	50.129	ug/l	96
90) Hexachloroethane	12.536	117	40422	49.647	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	127984	50.910	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24983	52.321	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	83041	52.842	ug/l	97
94) Hexachlorobutadiene	13.725	225	29537	47.715	ug/l	97
95) Naphthalene	13.774	128	290437	54.415	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	81683	52.571	ug/l	99

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

