

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039829.D
 Acq On : 19 Jan 2024 11:28
 Operator : JC/MD
 Sample : VX0119WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0119WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/22/2024
 Supervised By : Mahesh Dadoda 01/22/2024

Quant Time: Jan 20 00:22:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	88469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	158611	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70770	47.754	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.500%		
35) Dibromofluoromethane	5.385	113	55109	51.585	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.180%		
50) Toluene-d8	8.647	98	192163	47.693	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.380%		
62) 4-Bromofluorobenzene	11.079	95	75722	48.059	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18522	16.181	ug/l	96
3) Chloromethane	1.294	50	22188	16.973	ug/l	97
4) Vinyl Chloride	1.374	62	21753	17.633	ug/l	99
5) Bromomethane	1.611	94	14623	20.774	ug/l	98
6) Chloroethane	1.691	64	13888	19.803	ug/l	96
7) Trichlorofluoromethane	1.892	101	33672	18.921	ug/l	97
8) Diethyl Ether	2.130	74	13208	20.083	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	20271	18.373	ug/l	98
10) Methyl Iodide	2.453	142	22890	19.666	ug/l	95
11) Tert butyl alcohol	2.947	59	32997	85.534	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	20084	18.862	ug/l	92
13) Acrolein	2.233	56	18495	66.754	ug/l	96
14) Allyl chloride	2.666	41	38830	18.528	ug/l	99
15) Acrylonitrile	3.056	53	78673	98.727	ug/l	99
16) Acetone	2.374	43	79554	95.450	ug/l	98
17) Carbon Disulfide	2.514	76	54692	17.871	ug/l	100
18) Methyl Acetate	2.703	43	36327	20.833	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	72832	19.267	ug/l	95
20) Methylene Chloride	2.788	84	24053	19.079	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	21243	18.958	ug/l	96
22) Diisopropyl ether	3.757	45	78212	19.556	ug/l	98
23) Vinyl Acetate	3.721	43	364988	98.178	ug/l	100
24) 1,1-Dichloroethane	3.611	63	41982	19.081	ug/l	99
25) 2-Butanone	4.550	43	114770	95.823	ug/l	93
26) 2,2-Dichloropropane	4.483	77	32239	18.257	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	25184	19.596	ug/l	99
28) Bromochloromethane	4.897	49	20713	20.769	ug/l	97
29) Tetrahydrofuran	4.995	42	75360	97.754	ug/l	99
30) Chloroform	5.093	83	44613	20.540	ug/l	96
31) Cyclohexane	5.471	56	34747	17.766	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	36609	19.688	ug/l	97
36) 1,1-Dichloropropene	5.696	75	30766	18.502	ug/l	98
37) Ethyl Acetate	4.708	43	41801	18.843	ug/l	99
38) Carbon Tetrachloride	5.678	117	29180	19.159	ug/l	98
39) Methylcyclohexane	7.379	83	35827	17.942	ug/l	99
40) Benzene	6.037	78	92273	19.596	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	21207	19.549	ug/l	94
42) 1,2-Dichloroethane	6.086	62	36432	20.351	ug/l	100
43) Isopropyl Acetate	6.336	43	63775	19.597	ug/l	99
44) Trichloroethene	7.123	130	23227	20.128	ug/l	99
45) 1,2-Dichloropropane	7.427	63	25059	19.839	ug/l	95
46) Dibromomethane	7.580	93	18188	20.847	ug/l	97
47) Bromodichloromethane	7.818	83	33497	20.731	ug/l	98
48) Methyl methacrylate	7.690	41	30929	19.335	ug/l	93
49) 1,4-Dioxane	7.659	88	10797	348.835	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	224163	100.016	ug/l	98
52) Toluene	8.714	92	56292	20.015	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	33809	19.719	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	37418	19.847	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	24284	20.280	ug/l	95
56) Ethyl methacrylate	9.116	69	38575	19.905	ug/l	97
57) 1,3-Dichloropropane	9.305	76	41302	20.354	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	89917	98.158	ug/l	96
59) 2-Hexanone	9.427	43	179717	101.315	ug/l	98
60) Dibromochloromethane	9.519	129	23871	21.139	ug/l	97
61) 1,2-Dibromoethane	9.604	107	25800	20.806	ug/l	99
64) Tetrachloroethene	9.275	164	18786	20.094	ug/l	99
65) Chlorobenzene	10.079	112	60385	20.167	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	21609	21.194	ug/l	98
67) Ethyl Benzene	10.189	91	109745	19.742	ug/l	97
68) m/p-Xylenes	10.299	106	81811	40.017	ug/l	97
69) o-Xylene	10.640	106	40399	19.954	ug/l	99
70) Styrene	10.653	104	66385	20.072	ug/l	98
71) Bromoform	10.799	173	16163	21.112	ug/l #	100
73) Isopropylbenzene	10.963	105	103871	18.805	ug/l	98
74) N-amyl acetate	10.842	43	54182	18.818	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	41509	19.680	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	34213m	19.021	ug/l	
77) Bromobenzene	11.195	156	25399	20.652	ug/l	97
78) n-propylbenzene	11.305	91	128181	19.173	ug/l	98
79) 2-Chlorotoluene	11.360	91	77891	18.851	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	90257	19.239	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	9814	18.038	ug/l	95
82) 4-Chlorotoluene	11.451	91	89605	19.118	ug/l	99
83) tert-Butylbenzene	11.713	119	84803	18.934	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	90381	19.311	ug/l	99
85) sec-Butylbenzene	11.890	105	111316	19.146	ug/l	98
86) p-Isopropyltoluene	12.006	119	90411	19.457	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47422	20.115	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	47901	19.673	ug/l	99
89) n-Butylbenzene	12.329	91	85606	19.074	ug/l	97
90) Hexachloroethane	12.536	117	14453	18.437	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	46250	19.844	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10102	19.545	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	28266	19.845	ug/l	98
94) Hexachlorobutadiene	13.725	225	12185	20.580	ug/l	98
95) Naphthalene	13.774	128	103329	19.707	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29118	20.256	ug/l	98

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

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