

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011724\
 Data File : VX039790.D
 Acq On : 17 Jan 2024 10:34
 Operator : JC/MD
 Sample : VX0117WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS01

Quant Time: Jan 18 02:38:04 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/18/2024
 Supervised By : Semsettin Yesilyurt 01/18/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	93914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	167335	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	152012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74548	47.386	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.780%		
35) Dibromofluoromethane	5.385	113	56939	50.519	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.040%		
50) Toluene-d8	8.647	98	204554	48.121	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.240%		
62) 4-Bromofluorobenzene	11.079	95	81412	48.976	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19869	16.352	ug/l	97
3) Chloromethane	1.294	50	22458	16.184	ug/l	94
4) Vinyl Chloride	1.374	62	22495	17.177	ug/l	99
5) Bromomethane	1.605	94	14839	19.858	ug/l	99
6) Chloroethane	1.691	64	14031	18.847	ug/l	98
7) Trichlorofluoromethane	1.892	101	34888	18.467	ug/l	96
8) Diethyl Ether	2.130	74	12726	18.228	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	21848	18.654	ug/l	98
10) Methyl Iodide	2.453	142	22494	18.205	ug/l	94
11) Tert butyl alcohol	2.947	59	31741	77.508	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	20764	18.370	ug/l	97
13) Acrolein	2.233	56	27279	99.083	ug/l	99
14) Allyl chloride	2.666	41	38207	17.174	ug/l	99
15) Acrylonitrile	3.056	53	74878	88.517	ug/l	98
16) Acetone	2.373	43	84492	95.498	ug/l	98
17) Carbon Disulfide	2.514	76	56132	17.278	ug/l	97
18) Methyl Acetate	2.697	43	33858	18.292	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	72031	17.950	ug/l	100
20) Methylene Chloride	2.788	84	23905	17.863	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	22584	18.986	ug/l	96
22) Diisopropyl ether	3.757	45	77696	18.301	ug/l	98
23) Vinyl Acetate	3.721	43	355671	90.125	ug/l	99
24) 1,1-Dichloroethane	3.611	63	42816	18.332	ug/l	99
25) 2-Butanone	4.550	43	113918	89.597	ug/l	99
26) 2,2-Dichloropropane	4.471	77	33495	17.868	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	25280	18.530	ug/l	98
28) Bromochloromethane	4.897	49	21889	20.675	ug/l	97
29) Tetrahydrofuran	4.995	42	72971	89.167	ug/l	100
30) Chloroform	5.086	83	44036	19.099	ug/l	96
31) Cyclohexane	5.470	56	37547	18.084	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	36939	18.713	ug/l	98
36) 1,1-Dichloropropene	5.690	75	31844	18.151	ug/l	98
37) Ethyl Acetate	4.708	43	39348	16.812	ug/l	98
38) Carbon Tetrachloride	5.678	117	29135	18.132	ug/l	96
39) Methylcyclohexane	7.379	83	38631	18.338	ug/l	95
40) Benzene	6.037	78	93401	18.802	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21586	18.861	ug/l	95
42) 1,2-Dichloroethane	6.086	62	35330	18.707	ug/l	99
43) Isopropyl Acetate	6.342	43	62211	18.120	ug/l	98
44) Trichloroethene	7.129	130	23374	19.199	ug/l	96
45) 1,2-Dichloropropane	7.427	63	25237	18.938	ug/l	100
46) Dibromomethane	7.580	93	17633	19.157	ug/l	97
47) Bromodichloromethane	7.818	83	31907	18.717	ug/l	100
48) Methyl methacrylate	7.690	41	30797	18.249	ug/l	96
49) 1,4-Dioxane	7.659	88	11641	356.495	ug/l #	98
51) 4-Methyl-2-Pentanone	8.567	43	217237	91.873	ug/l	98
52) Toluene	8.714	92	57334	19.323	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	32964	18.223	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	37370	18.788	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	24623	19.491	ug/l	96
56) Ethyl methacrylate	9.116	69	37202	18.195	ug/l	97
57) 1,3-Dichloropropane	9.305	76	40771	19.045	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	81777	84.618	ug/l	96
59) 2-Hexanone	9.427	43	176889	94.522	ug/l	98
60) Dibromochloromethane	9.519	129	23191	19.466	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25557	19.536	ug/l	99
64) Tetrachloroethene	9.275	164	19612	19.839	ug/l	98
65) Chlorobenzene	10.079	112	60451	19.093	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	20911	19.397	ug/l	97
67) Ethyl Benzene	10.189	91	112464	19.133	ug/l	95
68) m/p-Xylenes	10.299	106	84345	39.017	ug/l	97
69) o-Xylene	10.640	106	40393	18.868	ug/l	93
70) Styrene	10.652	104	67686	19.355	ug/l	99
71) Bromoform	10.799	173	15204	18.782	ug/l #	98
73) Isopropylbenzene	10.963	105	109159	17.881	ug/l	99
74) N-amyl acetate	10.841	43	52292	16.433	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	40397	17.329	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	34031m	17.118	ug/l	
77) Bromobenzene	11.195	156	24375	17.932	ug/l	95
78) n-propylbenzene	11.305	91	133281	18.038	ug/l	98
79) 2-Chlorotoluene	11.360	91	79379	17.382	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	94118	18.152	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	9818	16.488	ug/l	94
82) 4-Chlorotoluene	11.451	91	91523	17.668	ug/l	99
83) tert-Butylbenzene	11.713	119	89477	18.076	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	92437	17.870	ug/l	98
85) sec-Butylbenzene	11.890	105	117016	18.210	ug/l	99
86) p-Isopropyltoluene	12.006	119	94637	18.427	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	47760	18.330	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	47758	17.746	ug/l	97
89) n-Butylbenzene	12.329	91	89781	18.100	ug/l	97
90) Hexachloroethane	12.536	117	14636	16.893	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	46653	18.111	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9256	16.203	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	29614	18.812	ug/l	97
94) Hexachlorobutadiene	13.725	225	12596	19.249	ug/l	98
95) Naphthalene	13.774	128	101138	17.452	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	28942	18.217	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

