

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011724\
 Data File : VX039791.D
 Acq On : 17 Jan 2024 10:59
 Operator : JC/MD
 Sample : VX0117WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jan 18 02:38:59 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	91299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	159235	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	146508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72306	47.278	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.560%		
35) Dibromofluoromethane	5.379	113	54405	50.726	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.460%		
50) Toluene-d8	8.647	98	196129	48.486	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.980%		
62) 4-Bromofluorobenzene	11.079	95	76192	48.167	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.340%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	19032	16.112	ug/l	98
3) Chloromethane	1.294	50	21880	16.219	ug/l	100
4) Vinyl Chloride	1.374	62	21137	16.602	ug/l	99
5) Bromomethane	1.605	94	14267	19.640	ug/l	97
6) Chloroethane	1.685	64	13292	18.365	ug/l	99
7) Trichlorofluoromethane	1.892	101	33816	18.413	ug/l	98
8) Diethyl Ether	2.130	74	12513	18.436	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	20459	17.968	ug/l	97
10) Methyl Iodide	2.453	142	21530	17.924	ug/l	95
11) Tert butyl alcohol	2.940	59	32994	82.876	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	19181	17.455	ug/l	97
13) Acrolein	2.233	56	26163	97.533	ug/l	99
14) Allyl chloride	2.666	41	37020	17.117	ug/l	99
15) Acrylonitrile	3.056	53	73410	89.267	ug/l	98
16) Acetone	2.373	43	80557	93.658	ug/l	96
17) Carbon Disulfide	2.514	76	54324	17.200	ug/l	99
18) Methyl Acetate	2.697	43	32999	18.338	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	71326	18.283	ug/l	99
20) Methylene Chloride	2.788	84	23605	18.144	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	21288	18.409	ug/l	97
22) Diisopropyl ether	3.751	45	75051	18.184	ug/l #	86
23) Vinyl Acetate	3.715	43	354622	92.433	ug/l	99
24) 1,1-Dichloroethane	3.611	63	41096	18.099	ug/l	100
25) 2-Butanone	4.544	43	111300	90.045	ug/l	98
26) 2,2-Dichloropropane	4.471	77	31655	17.371	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	25242	19.032	ug/l	95
28) Bromochloromethane	4.897	49	21514	20.903	ug/l	95
29) Tetrahydrofuran	4.995	42	71940	90.425	ug/l	98
30) Chloroform	5.086	83	42068	18.768	ug/l	96
31) Cyclohexane	5.464	56	36557	18.112	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	35643	18.574	ug/l	98
36) 1,1-Dichloropropene	5.690	75	30087	18.022	ug/l	96
37) Ethyl Acetate	4.708	43	41015	18.416	ug/l	99
38) Carbon Tetrachloride	5.678	117	28634	18.727	ug/l	96
39) Methylcyclohexane	7.372	83	37874	18.893	ug/l	97
40) Benzene	6.037	78	90895	19.228	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	20992	19.275	ug/l	95
42) 1,2-Dichloroethane	6.080	62	35618	19.819	ug/l	98
43) Isopropyl Acetate	6.336	43	62889	19.249	ug/l	98
44) Trichloroethene	7.123	130	22557	19.470	ug/l	96
45) 1,2-Dichloropropane	7.427	63	24150	19.044	ug/l	97
46) Dibromomethane	7.580	93	17335	19.792	ug/l	99
47) Bromodichloromethane	7.818	83	31165	19.212	ug/l	94
48) Methyl methacrylate	7.690	41	29425	18.323	ug/l	92
49) 1,4-Dioxane	7.653	88	11637	374.500	ug/l #	92
51) 4-Methyl-2-Pentanone	8.567	43	212791	94.570	ug/l	99
52) Toluene	8.714	92	55933	19.810	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	34172	19.852	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	36784	19.434	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	23962	19.933	ug/l	95
56) Ethyl methacrylate	9.116	69	37001	19.018	ug/l	97
57) 1,3-Dichloropropane	9.305	76	40104	19.686	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	81485	88.605	ug/l	95
59) 2-Hexanone	9.427	43	173046	97.172	ug/l	99
60) Dibromochloromethane	9.518	129	23278	20.533	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25429	20.427	ug/l	98
64) Tetrachloroethene	9.268	164	19288	20.245	ug/l	95
65) Chlorobenzene	10.079	112	59463	19.487	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	20783	20.002	ug/l	98
67) Ethyl Benzene	10.195	91	107837	19.035	ug/l	99
68) m/p-Xylenes	10.299	106	82694	39.691	ug/l	98
69) o-Xylene	10.640	106	39844	19.311	ug/l	97
70) Styrene	10.652	104	65970	19.573	ug/l	100
71) Bromoform	10.799	173	15441	19.791	ug/l #	97
73) Isopropylbenzene	10.963	105	106204	18.364	ug/l	99
74) N-amyl acetate	10.841	43	52990	17.578	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	40240	18.221	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	33374m	17.721	ug/l	
77) Bromobenzene	11.195	156	24690	19.174	ug/l	98
78) n-propylbenzene	11.305	91	130063	18.581	ug/l	98
79) 2-Chlorotoluene	11.360	91	76809	17.754	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	90954	18.517	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	9512	16.825	ug/l	94
82) 4-Chlorotoluene	11.451	91	89146	18.166	ug/l	100
83) tert-Butylbenzene	11.713	119	86256	18.394	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	90895	18.548	ug/l	98
85) sec-Butylbenzene	11.890	105	114207	18.761	ug/l	100
86) p-Isopropyltoluene	12.006	119	92356	18.983	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	47267	19.149	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	47892	18.786	ug/l	99
89) n-Butylbenzene	12.329	91	88472	18.828	ug/l	96
90) Hexachloroethane	12.536	117	15014	18.293	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	45984	18.844	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9325	17.232	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	28302	18.978	ug/l	99
94) Hexachlorobutadiene	13.725	225	12772	20.603	ug/l	97
95) Naphthalene	13.774	128	99068	18.045	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	28161	18.711	ug/l	98

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

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