

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037289.D
 Acq On : 28 Aug 2023 12:58
 Operator : JC/MD
 Sample : VX0828WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828WBSD01

Quant Time: Aug 29 00:56:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/29/2023
 Supervised By : Semsettin Yesilyurt 08/29/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	142759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243676	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104599	50.822	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.640%			
35) Dibromofluoromethane	5.385	113	87594	54.278	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.560%			
50) Toluene-d8	8.647	98	307625	52.550	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.100%			
62) 4-Bromofluorobenzene	11.079	95	125539	54.570	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	30641	18.477	ug/l	98
3) Chloromethane	1.301	50	29604	20.406	ug/l	97
4) Vinyl Chloride	1.374	62	29191	18.485	ug/l	97
5) Bromomethane	1.599	94	15924	20.244	ug/l	96
6) Chloroethane	1.685	64	19546	21.034	ug/l	99
7) Trichlorofluoromethane	1.886	101	45546	17.607	ug/l	98
8) Diethyl Ether	2.136	74	18864	18.849	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	26426	17.511	ug/l	97
10) Methyl Iodide	2.453	142	33194	18.098	ug/l	95
11) Tert butyl alcohol	2.965	59	41169	85.273	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	25362	17.258	ug/l	85
13) Acrolein	2.233	56	32385	88.176	ug/l	98
14) Allyl chloride	2.660	41	39816	17.504	ug/l #	91
15) Acrylonitrile	3.062	53	79580	92.351	ug/l	98
16) Acetone	2.380	43	69009	85.709	ug/l #	88
17) Carbon Disulfide	2.508	76	62294	16.665	ug/l	98
18) Methyl Acetate	2.703	43	53340	17.595	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	99141	17.788	ug/l	97
20) Methylene Chloride	2.788	84	32840	18.239	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	28565	17.099	ug/l	86
22) Diisopropyl ether	3.763	45	82345	17.642	ug/l #	85
23) Vinyl Acetate	3.721	43	316233	88.411	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	50516	17.259	ug/l	97
25) 2-Butanone	4.556	43	106101	87.518	ug/l #	89
26) 2,2-Dichloropropane	4.477	77	43834	16.769	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	35163	17.855	ug/l	86
28) Bromochloromethane	4.897	49	27991	21.407	ug/l #	76
29) Tetrahydrofuran	5.007	42	67263	87.000	ug/l #	82
30) Chloroform	5.093	83	57054	17.364	ug/l	99
31) Cyclohexane	5.464	56	41770	18.050	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	49832	16.924	ug/l	96
36) 1,1-Dichloropropene	5.690	75	38742	16.897	ug/l	97
37) Ethyl Acetate	4.715	43	40611	17.340	ug/l #	91
38) Carbon Tetrachloride	5.678	117	43448	17.445	ug/l	99
39) Methylcyclohexane	7.379	83	49223	20.434	ug/l	93
40) Benzene	6.037	78	118762	18.061	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	20778	17.066	ug/l #	83
42) 1,2-Dichloroethane	6.086	62	45444	17.623	ug/l	94
43) Isopropyl Acetate	6.342	43	65173	17.527	ug/l #	92
44) Trichloroethene	7.123	130	31309	16.791	ug/l	95
45) 1,2-Dichloropropane	7.427	63	29775	18.364	ug/l	99
46) Dibromomethane	7.580	93	22939	17.959	ug/l	94
47) Bromodichloromethane	7.824	83	43217	17.665	ug/l	91
48) Methyl methacrylate	7.696	41	31288	17.254	ug/l #	84
49) 1,4-Dioxane	7.659	88	19289	394.966	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	206422	91.423	ug/l	90
52) Toluene	8.720	92	77645	17.871	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	45255	17.373	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	49719	17.662	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	33295	18.820	ug/l	97
56) Ethyl methacrylate	9.116	69	49172	17.745	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	54991	18.439	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	142102	106.857	ug/l	93
59) 2-Hexanone	9.427	43	159941	92.903	ug/l	88
60) Dibromochloromethane	9.519	129	34007	18.054	ug/l	99
61) 1,2-Dibromoethane	9.610	107	35752	18.458	ug/l	99
64) Tetrachloroethene	9.275	164	25477	15.630	ug/l	98
65) Chlorobenzene	10.079	112	84026	17.793	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	31526	18.088	ug/l	99
67) Ethyl Benzene	10.195	91	149090	17.942	ug/l	99
68) m/p-Xylenes	10.299	106	117408	36.587	ug/l	98
69) o-Xylene	10.640	106	57134	18.046	ug/l	99
70) Styrene	10.652	104	95691	18.348	ug/l	96
71) Bromoform	10.799	173	23905	18.336	ug/l #	98
73) Isopropylbenzene	10.963	105	150105	17.747	ug/l	99
74) N-amyl acetate	10.841	43	55859	16.997	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	53307	18.714	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	43149m	17.411	ug/l	
77) Bromobenzene	11.195	156	36395	17.619	ug/l	92
78) n-propylbenzene	11.305	91	169957	18.046	ug/l	99
79) 2-Chlorotoluene	11.366	91	106523	17.699	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	130536	18.501	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	14570	16.421	ug/l	91
82) 4-Chlorotoluene	11.457	91	121675	17.514	ug/l	99
83) tert-Butylbenzene	11.713	119	130920	19.457	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	131671	18.465	ug/l	99
85) sec-Butylbenzene	11.890	105	154924	19.712	ug/l	99
86) p-Isopropyltoluene	12.006	119	132515	19.586	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	67534	17.462	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	69607	17.421	ug/l	99
89) n-Butylbenzene	12.329	91	107464	19.158	ug/l	99
90) Hexachloroethane	12.536	117	22641	20.049	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	69519	18.357	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12617	19.063	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	42038	18.971	ug/l	98
94) Hexachlorobutadiene	13.725	225	17942	20.959	ug/l	99
95) Naphthalene	13.774	128	153543	15.819	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	42276	19.203	ug/l	99

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

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