

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
 Data File : VX036984.D
 Acq On : 15 Aug 2023 13:43
 Operator : JC/MD
 Sample : VX0815WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/16/2023
 Supervised By : Semsettin Yesilyurt 08/16/2023

Quant Time: Aug 16 05:32:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	124158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89913	48.943	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.880%		
35) Dibromofluoromethane	5.385	113	75212	51.666	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.340%		
50) Toluene-d8	8.647	98	236456	45.804	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.600%#		
62) 4-Bromofluorobenzene	11.079	95	100808	51.758	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	30484	18.586	ug/l	97
3) Chloromethane	1.301	50	24726	16.575	ug/l	93
4) Vinyl Chloride	1.374	62	27672	18.219	ug/l	95
5) Bromomethane	1.599	94	16113	17.770	ug/l	99
6) Chloroethane	1.685	64	17788	24.089	ug/l	98
7) Trichlorofluoromethane	1.886	101	51203	21.830	ug/l	98
8) Diethyl Ether	2.136	74	18400	20.277	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	29299	20.792	ug/l	99
10) Methyl Iodide	2.453	142	32942	22.507	ug/l	95
11) Tert butyl alcohol	2.959	59	43994	101.154	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	26289	18.909	ug/l	89
13) Acrolein	2.233	56	24903	100.330	ug/l	100
14) Allyl chloride	2.660	41	44104	16.110	ug/l #	95
15) Acrylonitrile	3.063	53	85882	98.190	ug/l	99
16) Acetone	2.380	43	75362	98.858	ug/l	91
17) Carbon Disulfide	2.508	76	61479	16.022	ug/l	99
18) Methyl Acetate	2.703	43	62790	19.579	ug/l #	91
19) Methyl tert-butyl Ether	3.111	73	109113	20.885	ug/l	97
20) Methylene Chloride	2.788	84	32179	18.980	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	29454	18.956	ug/l	88
22) Diisopropyl ether	3.758	45	92171	17.732	ug/l #	97
23) Vinyl Acetate	3.721	43	364321	91.372	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	54976	18.864	ug/l	97
25) 2-Butanone	4.556	43	120616	97.520	ug/l	93
26) 2,2-Dichloropropane	4.471	77	51777	18.855	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	36157	19.592	ug/l	94
28) Bromochloromethane	4.898	49	27851	19.760	ug/l #	83
29) Tetrahydrofuran	5.001	42	75001	94.056	ug/l #	85
30) Chloroform	5.093	83	61317	20.565	ug/l	95
31) Cyclohexane	5.471	56	42846	16.844	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	55010	20.136	ug/l	97
36) 1,1-Dichloropropene	5.690	75	42554	19.612	ug/l	98
37) Ethyl Acetate	4.715	43	45694	18.606	ug/l	95
38) Carbon Tetrachloride	5.678	117	47383	20.541	ug/l	99
39) Methylcyclohexane	7.379	83	45385	16.822	ug/l	91
40) Benzene	6.038	78	122827	19.457	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	25073	19.089	ug/l	91
42) 1,2-Dichloroethane	6.086	62	50105	21.709	ug/l	96
43) Isopropyl Acetate	6.342	43	77223	18.267	ug/l #	94
44) Trichloroethene	7.129	130	34396	20.845	ug/l	94
45) 1,2-Dichloropropane	7.428	63	32409	19.228	ug/l	96
46) Dibromomethane	7.580	93	24561	20.821	ug/l	94
47) Bromodichloromethane	7.824	83	48580	20.063	ug/l	98
48) Methyl methacrylate	7.696	41	36940	18.790	ug/l #	87
49) 1,4-Dioxane	7.659	88	17642	444.201	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	238240	101.837	ug/l	94
52) Toluene	8.720	92	79916	20.204	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	52729	19.268	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	55233	19.126	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	35234	21.190	ug/l	98
56) Ethyl methacrylate	9.116	69	54824	20.249	ug/l	91
57) 1,3-Dichloropropane	9.305	76	58156	20.999	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	111956	83.919	ug/l	94
59) 2-Hexanone	9.427	43	178763	102.960	ug/l	91
60) Dibromochloromethane	9.519	129	37499	20.519	ug/l	99
61) 1,2-Dibromoethane	9.610	107	37772	21.919	ug/l	99
64) Tetrachloroethene	9.275	164	30200	20.860	ug/l	98
65) Chlorobenzene	10.080	112	88348	20.649	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	34399	20.801	ug/l	99
67) Ethyl Benzene	10.195	91	156203	19.985	ug/l	99
68) m/p-Xylenes	10.299	106	119662	41.033	ug/l	99
69) o-Xylene	10.640	106	59554	20.459	ug/l	98
70) Styrene	10.653	104	98833	20.579	ug/l	98
71) Bromoform	10.799	173	26988	20.161	ug/l #	98
73) Isopropylbenzene	10.964	105	153561	18.783	ug/l	99
74) N-amyl acetate	10.842	43	64423	16.898	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.214	83	53602	19.412	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	45786m	19.705	ug/l	
77) Bromobenzene	11.195	156	37146	19.951	ug/l	93
78) n-propylbenzene	11.305	91	172816	18.278	ug/l	100
79) 2-Chlorotoluene	11.366	91	108697	18.972	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	128075	18.726	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16373	15.971	ug/l	91
82) 4-Chlorotoluene	11.451	91	125780	19.268	ug/l	99
83) tert-Butylbenzene	11.713	119	123424	18.369	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	129403	18.919	ug/l	98
85) sec-Butylbenzene	11.890	105	147031	17.547	ug/l	100
86) p-Isopropyltoluene	12.006	119	125903	18.261	ug/l	99
87) 1,3-Dichlorobenzene	11.970	146	68667	19.913	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	70860	20.706	ug/l	99
89) n-Butylbenzene	12.329	91	104208	16.884	ug/l	99
90) Hexachloroethane	12.536	117	21488	15.373	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	69589	20.912	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12813	19.969	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	39911	19.467	ug/l	98
94) Hexachlorobutadiene	13.725	225	16483	19.434	ug/l	98
95) Naphthalene	13.774	128	155748	21.800	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	40683	20.134	ug/l	99

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

