

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
 Data File : VX036983.D
 Acq On : 15 Aug 2023 13:15
 Operator : JC/MD
 Sample : VX0815WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 16 05:31:32 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

Manual Integrations APPROVED

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

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 Yesilyurt
 08/16/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	125980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91789	49.241	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.480%			
35) Dibromofluoromethane	5.391	113	77003	50.841	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.680%			
50) Toluene-d8	8.647	98	242896	45.223	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.440%#			
62) 4-Bromofluorobenzene	11.079	95	102561	50.612	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	30669	18.428	ug/l	95
3) Chloromethane	1.301	50	25161	16.622	ug/l	98
4) Vinyl Chloride	1.374	62	28186	18.289	ug/l	97
5) Bromomethane	1.599	94	17207	18.702	ug/l	97
6) Chloroethane	1.685	64	18351	24.492	ug/l	99
7) Trichlorofluoromethane	1.886	101	51320	21.564	ug/l	98
8) Diethyl Ether	2.136	74	19465	21.140	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	28193	19.717	ug/l	98
10) Methyl Iodide	2.453	142	34303	23.098	ug/l	95
11) Tert butyl alcohol	2.965	59	44724	101.345	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	26894	19.065	ug/l	87
13) Acrolein	2.239	56	25133	99.793	ug/l	99
14) Allyl chloride	2.666	41	46352	16.687	ug/l #	96
15) Acrylonitrile	3.062	53	89201	100.510	ug/l	98
16) Acetone	2.380	43	80630	104.239	ug/l	93
17) Carbon Disulfide	2.514	76	63038	16.191	ug/l	100
18) Methyl Acetate	2.703	43	64415	19.795	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	112022	21.132	ug/l	97
20) Methylene Chloride	2.788	84	32942	19.149	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	30579	19.395	ug/l	89
22) Diisopropyl ether	3.764	45	95455	18.098	ug/l #	90
23) Vinyl Acetate	3.721	43	377086	93.206	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	58728	19.860	ug/l	97
25) 2-Butanone	4.562	43	125268	99.817	ug/l	90
26) 2,2-Dichloropropane	4.477	77	54535	19.572	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	38492	20.555	ug/l	92
28) Bromochloromethane	4.898	49	28137	19.674	ug/l #	80
29) Tetrahydrofuran	5.007	42	78803	97.395	ug/l	87
30) Chloroform	5.093	83	64314	21.258	ug/l	98
31) Cyclohexane	5.477	56	42775	16.573	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	57035	20.575	ug/l	98
36) 1,1-Dichloropropene	5.696	75	43178	19.127	ug/l	98
37) Ethyl Acetate	4.721	43	48054	18.807	ug/l #	94
38) Carbon Tetrachloride	5.672	117	47967	19.986	ug/l	93
39) Methylcyclohexane	7.379	83	43660	15.553	ug/l	90
40) Benzene	6.038	78	128868	19.620	ug/l	98

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41) Methacrylonitrile	4.922	41	25644	18.765	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	51611	21.492	ug/l	96
43) Isopropyl Acetate	6.342	43	79468	18.068	ug/l #	94
44) Trichloroethene	7.123	130	34991	20.381	ug/l	97
45) 1,2-Dichloropropane	7.434	63	33560	19.138	ug/l	99
46) Dibromomethane	7.580	93	26341	21.463	ug/l	96
47) Bromodichloromethane	7.824	83	50133	19.900	ug/l	95
48) Methyl methacrylate	7.696	41	37777	18.469	ug/l #	87
49) 1,4-Dioxane	7.659	88	17352	419.923	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	245618	100.911	ug/l	93
52) Toluene	8.720	92	83307	20.242	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	54180	19.028	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	57313	19.076	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	35760	20.671	ug/l	95
56) Ethyl methacrylate	9.116	69	56690	20.124	ug/l	90
57) 1,3-Dichloropropane	9.311	76	59630	20.695	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	115090	82.916	ug/l	95
59) 2-Hexanone	9.427	43	186875	103.450	ug/l	93
60) Dibromochloromethane	9.525	129	38970	20.495	ug/l	99
61) 1,2-Dibromoethane	9.610	107	37936	21.159	ug/l	99
64) Tetrachloroethene	9.275	164	30612	20.804	ug/l	99
65) Chlorobenzene	10.080	112	90537	20.820	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	35194	20.939	ug/l	99
67) Ethyl Benzene	10.195	91	159668	20.099	ug/l	100
68) m/p-Xylenes	10.299	106	121826	41.102	ug/l	99
69) o-Xylene	10.640	106	61570	20.811	ug/l	98
70) Styrene	10.653	104	101196	20.731	ug/l	98
71) Bromoform	10.799	173	27491	20.205	ug/l #	99
73) Isopropylbenzene	10.964	105	155119	18.562	ug/l	99
74) N-amyl acetate	10.842	43	65594	16.832	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	55229	19.567	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	46172m	19.440	ug/l	
77) Bromobenzene	11.195	156	37692	19.805	ug/l	93
78) n-propylbenzene	11.305	91	172165	17.814	ug/l	100
79) 2-Chlorotoluene	11.366	91	110252	18.826	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	129705	18.553	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16999	16.222	ug/l	90
82) 4-Chlorotoluene	11.451	91	128524	19.261	ug/l	100
83) tert-Butylbenzene	11.713	119	123964	18.050	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	130855	18.716	ug/l	97
85) sec-Butylbenzene	11.890	105	144357	16.854	ug/l	99
86) p-Isopropyltoluene	12.006	119	122871	17.434	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	69859	19.819	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	70910	20.271	ug/l	99
89) n-Butylbenzene	12.329	91	102271	16.210	ug/l	98
90) Hexachloroethane	12.536	117	21855	15.297	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	70057	20.596	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12540	19.119	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	38977	18.599	ug/l	98
94) Hexachlorobutadiene	13.725	225	15075	17.388	ug/l	96
95) Naphthalene	13.774	128	154473	21.153	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	40966	19.834	ug/l	99

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

