

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037592.D
 Acq On : 07 Sep 2023 20:46
 Operator : JC/MD
 Sample : 04327-05MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-03-127-090623MS

Quant Time: Sep 08 00:51:08 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 09/08/2023
 Supervised By : Mahesh Dadoda 09/08/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	109434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198866	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86724	54.969	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.940%			
35) Dibromofluoromethane	5.391	113	80625	61.217	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 122.440%			
50) Toluene-d8	8.647	98	265566	55.588	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 111.180%			
62) 4-Bromofluorobenzene	11.079	95	109125	58.124	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55097	43.342	ug/l	99
3) Chloromethane	1.307	50	59389	53.402	ug/l	95
4) Vinyl Chloride	1.374	62	63993	52.863	ug/l	99
5) Bromomethane	1.599	94	27125	44.984	ug/l	99
6) Chloroethane	1.672	64	35022	49.164	ug/l	98
7) Trichlorofluoromethane	1.880	101	94202	47.506	ug/l	99
8) Diethyl Ether	2.136	74	45966	59.915	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	57984	50.124	ug/l	96
10) Methyl Iodide	2.447	142	81587	58.029	ug/l	91
11) Tert butyl alcohol	2.971	59	106870	288.768	ug/l #	92
12) 1,1-Dichloroethene	2.312	96	119716	106.271	ug/l	81
13) Acrolein	2.239	56	85505	303.702	ug/l	97
14) Allyl chloride	2.660	41	91430	52.436	ug/l #	86
15) Acrylonitrile	3.068	53	230051	348.266	ug/l	97
16) Acetone	2.386	43	198262	321.225	ug/l #	83
17) Carbon Disulfide	2.508	76	115520	40.315	ug/l	99
18) Methyl Acetate	2.709	43	137074	58.984	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	256370	60.006	ug/l	98
20) Methylene Chloride	2.788	84	81827	59.284	ug/l #	82
21) trans-1,2-Dichloroethene	3.087	96	72516	56.627	ug/l	85
22) Diisopropyl ether	3.763	45	214029	59.818	ug/l #	81
23) Vinyl Acetate	3.727	43	713771	260.322	ug/l #	88
24) 1,1-Dichloroethane	3.611	63	146059	65.096	ug/l	96
25) 2-Butanone	4.562	43	300176	323.003	ug/l #	83
26) 2,2-Dichloropropane	4.477	77	60437	30.161	ug/l	81
27) cis-1,2-Dichloroethene	4.489	96	152779	101.199	ug/l	80
28) Bromochloromethane	4.897	49	55164	55.036	ug/l #	70
29) Tetrahydrofuran	5.007	42	186628	314.899	ug/l #	80
30) Chloroform	5.092	83	148871	59.105	ug/l	99
31) Cyclohexane	5.470	56	83860	47.272	ug/l	85
32) 1,1,1-Trichloroethane	5.385	97	122945	54.470	ug/l	95
36) 1,1-Dichloropropene	5.696	75	87947	47.001	ug/l	95
37) Ethyl Acetate	4.721	43	98194	51.373	ug/l #	92
38) Carbon Tetrachloride	5.678	117	100989	49.685	ug/l	99
39) Methylcyclohexane	7.379	83	96223	48.945	ug/l	89
40) Benzene	6.037	78	303786	56.608	ug/l	97

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41) Methacrylonitrile	4.928	41	58902	59.279	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	117126	55.655	ug/l	92
43) Isopropyl Acetate	6.342	43	162839	53.661	ug/l #	89
44) Trichloroethene	7.129	130	284660	187.067	ug/l	96
45) 1,2-Dichloropropane	7.434	63	79466	60.055	ug/l	97
46) Dibromomethane	7.580	93	60653	58.186	ug/l	93
47) Bromodichloromethane	7.824	83	114327	57.261	ug/l	97
48) Methyl methacrylate	7.696	41	83455	56.392	ug/l #	77
49) 1,4-Dioxane	7.665	88	48378	1213.809	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	568712	308.633	ug/l #	87
52) Toluene	8.720	92	197791	55.783	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	110606	52.028	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	120304	52.367	ug/l #	82
55) 1,1,2-Trichloroethane	9.153	97	92607	64.140	ug/l	98
56) Ethyl methacrylate	9.116	69	137943	60.996	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	149047	61.237	ug/l	99
59) 2-Hexanone	9.433	43	433055	308.224	ug/l	83
60) Dibromochloromethane	9.525	129	95369	62.040	ug/l	100
61) 1,2-Dibromoethane	9.610	107	94403	59.719	ug/l	99
64) Tetrachloroethene	9.275	164	60760	44.189	ug/l	99
65) Chlorobenzene	10.079	112	220823	55.432	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	89495	60.870	ug/l	100
67) Ethyl Benzene	10.195	91	376842	53.760	ug/l	99
68) m/p-Xylenes	10.305	106	293847	108.552	ug/l	96
69) o-Xylene	10.640	106	148792	55.712	ug/l	98
70) Styrene	10.659	104	252944	57.496	ug/l	95
71) Bromoform	10.799	173	68534	62.316	ug/l #	100
73) Isopropylbenzene	10.963	105	382904	55.656	ug/l	98
74) N-amyl acetate	10.841	43	133127	49.800	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	146187	63.095	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	113690m	56.400	ug/l	
77) Bromobenzene	11.201	156	96600	57.492	ug/l	90
78) n-propylbenzene	11.305	91	414994	54.172	ug/l	98
79) 2-Chlorotoluene	11.366	91	267739	54.690	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	323620	56.390	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	35442	49.108	ug/l	85
82) 4-Chlorotoluene	11.457	91	296811	52.523	ug/l	97
83) tert-Butylbenzene	11.713	119	339509	62.031	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	327720	56.503	ug/l	96
85) sec-Butylbenzene	11.890	105	383429	59.977	ug/l	98
86) p-Isopropyltoluene	12.012	119	324126	58.896	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	171522	54.525	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	172300	53.014	ug/l	99
89) n-Butylbenzene	12.335	91	253861	55.638	ug/l	98
90) Hexachloroethane	12.542	117	58934	64.159	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	176734	57.374	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	31277	58.097	ug/l	72
93) 1,2,4-Trichlorobenzene	13.585	180	100776	55.912	ug/l	97
94) Hexachlorobutadiene	13.725	225	40759	58.536	ug/l	98
95) Naphthalene	13.774	128	394748	49.999	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	106924	59.711	ug/l	99

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

