

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037531.D
 Acq On : 06 Sep 2023 04:25
 Operator : JC/MD
 Sample : VX0905WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905WBSD02

Quant Time: Sep 06 05:27:46 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 09/06/2023
 Supervised By : Mahesh Dadoda 09/06/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	88191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173693	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69816	54.911	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.820%			
35) Dibromofluoromethane	5.385	113	59034	51.319	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.640%			
50) Toluene-d8	8.647	98	186505	44.697	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 89.400%#			
62) 4-Bromofluorobenzene	11.079	95	77334	47.161	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	14932	14.576	ug/l	100
3) Chloromethane	1.300	50	20709	23.107	ug/l	91
4) Vinyl Chloride	1.374	62	18980	19.456	ug/l	99
5) Bromomethane	1.593	94	9543	19.638	ug/l	97
6) Chloroethane	1.672	64	11186	19.485	ug/l	93
7) Trichlorofluoromethane	1.880	101	26911	16.840	ug/l	98
8) Diethyl Ether	2.136	74	15684	25.368	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	14939	16.025	ug/l	97
10) Methyl Iodide	2.447	142	25272	22.304	ug/l	93
11) Tert butyl alcohol	2.971	59	37969	127.307	ug/l #	94
12) 1,1-Dichloroethene	2.312	96	16618	18.305	ug/l	83
13) Acrolein	2.239	56	12177	53.669	ug/l	99
14) Allyl chloride	2.660	41	28212	20.077	ug/l #	88
15) Acrylonitrile	3.062	53	74763	140.443	ug/l	99
16) Acetone	2.386	43	64463	129.601	ug/l #	85
17) Carbon Disulfide	2.508	76	31529	13.654	ug/l	99
18) Methyl Acetate	2.703	43	52270	27.910	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	86478	25.116	ug/l	97
20) Methylene Chloride	2.788	84	27264	24.511	ug/l #	84
21) trans-1,2-Dichloroethene	3.087	96	19601	18.993	ug/l	89
22) Diisopropyl ether	3.763	45	70926	24.598	ug/l #	85
23) Vinyl Acetate	3.721	43	253745	114.836	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	41237	22.806	ug/l	98
25) 2-Butanone	4.562	43	97500	130.186	ug/l #	86
26) 2,2-Dichloropropane	4.471	77	14872	9.210	ug/l	86
27) cis-1,2-Dichloroethene	4.483	96	27697	22.765	ug/l	81
28) Bromochloromethane	4.897	49	23468	29.053	ug/l #	71
29) Tetrahydrofuran	5.007	42	63147	132.213	ug/l #	84
30) Chloroform	5.092	83	46361	22.840	ug/l	97
31) Cyclohexane	5.470	56	22263	15.573	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	34927	19.202	ug/l	96
36) 1,1-Dichloropropene	5.690	75	24292	14.864	ug/l	97
37) Ethyl Acetate	4.721	43	35979	21.551	ug/l #	91
38) Carbon Tetrachloride	5.678	117	27803	15.661	ug/l	93
39) Methylcyclohexane	7.379	83	22861	13.314	ug/l	92
40) Benzene	6.037	78	93690	19.989	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	19818	22.835	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	37231	20.255	ug/l	93
43) Isopropyl Acetate	6.348	43	57772	21.797	ug/l #	91
44) Trichloroethene	7.129	130	22799	17.154	ug/l	97
45) 1,2-Dichloropropane	7.433	63	24971	21.606	ug/l	100
46) Dibromomethane	7.580	93	19661	21.595	ug/l	93
47) Bromodichloromethane	7.824	83	34420	19.738	ug/l	96
48) Methyl methacrylate	7.696	41	27172	21.022	ug/l #	81
49) 1,4-Dioxane	7.665	88	17055	489.928	ug/l #	85
51) 4-Methyl-2-Pentanone	8.573	43	192639	119.694	ug/l	89
52) Toluene	8.720	92	59088	19.080	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	31842	17.149	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	35627	17.756	ug/l #	82
55) 1,1,2-Trichloroethane	9.153	97	30316	24.040	ug/l	97
56) Ethyl methacrylate	9.116	69	43413	21.978	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	49009	23.054	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	112157	118.320	ug/l	92
59) 2-Hexanone	9.433	43	149687	121.979	ug/l	87
60) Dibromochloromethane	9.525	129	28400	21.152	ug/l	100
61) 1,2-Dibromoethane	9.610	107	31023	22.469	ug/l	99
64) Tetrachloroethene	9.275	164	18399	15.172	ug/l	99
65) Chlorobenzene	10.079	112	66739	18.996	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	25837	19.926	ug/l	97
67) Ethyl Benzene	10.195	91	105942	17.137	ug/l	100
68) m/p-Xylenes	10.305	106	82689	34.636	ug/l	98
69) o-Xylene	10.640	106	43732	18.567	ug/l	99
70) Styrene	10.659	104	73680	18.990	ug/l	97
71) Bromoform	10.799	173	20392	21.024	ug/l #	100
73) Isopropylbenzene	10.963	105	104174	17.219	ug/l	99
74) N-amyl acetate	10.841	43	47632	20.262	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	49788	24.436	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	38874m	21.930	ug/l	
77) Bromobenzene	11.201	156	29578	20.018	ug/l	91
78) n-propylbenzene	11.305	91	109205	16.211	ug/l	99
79) 2-Chlorotoluene	11.366	91	78680	18.277	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	89617	17.758	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9166	14.443	ug/l	94
82) 4-Chlorotoluene	11.457	91	87903	17.689	ug/l	98
83) tert-Butylbenzene	11.713	119	89275	18.549	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	92381	18.113	ug/l	97
85) sec-Butylbenzene	11.890	105	96563	17.177	ug/l	98
86) p-Isopropyltoluene	12.012	119	81881	16.919	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	50162	18.133	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	52987	18.540	ug/l	99
89) n-Butylbenzene	12.335	91	60085	14.975	ug/l	98
90) Hexachloroethane	12.536	117	14274	17.671	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	55140	20.356	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10208	21.562	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	28932	18.254	ug/l	96
94) Hexachlorobutadiene	13.725	225	9828	16.051	ug/l	98
95) Naphthalene	13.774	128	120874	17.410	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	30415	19.315	ug/l	97

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

