

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090823\
 Data File : VX037608.D
 Acq On : 08 Sep 2023 17:49
 Operator : JC/MD
 Sample : VX0908WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908WBS02

Quant Time: Sep 09 04:56:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 03:56:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/09/2023
 Supervised By : Mahesh Dadoda 09/11/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	153114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	263225	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102747	49.712	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.420%		
35) Dibromofluoromethane	5.385	113	90897	49.371	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	8.647	98	336694	49.861	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.720%		
62) 4-Bromofluorobenzene	11.079	95	125525	49.323	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29437	18.943	ug/l	100
3) Chloromethane	1.307	50	29093	16.724	ug/l	100
4) Vinyl Chloride	1.374	62	32082	17.903	ug/l	98
5) Bromomethane	1.599	94	15185	19.123	ug/l	98
6) Chloroethane	1.678	64	20252	21.095	ug/l	96
7) Trichlorofluoromethane	1.886	101	46942	19.274	ug/l	98
8) Diethyl Ether	2.136	74	19714	18.212	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	30113	18.486	ug/l	93
10) Methyl Iodide	2.447	142	37703	17.845	ug/l	91
11) Tert butyl alcohol	2.965	59	43898	94.915	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	29158	17.733	ug/l	83
13) Acrolein	2.239	56	41697	91.701	ug/l	99
14) Allyl chloride	2.660	41	42737	18.536	ug/l #	86
15) Acrylonitrile	3.068	53	95619	94.829	ug/l	98
16) Acetone	2.386	43	76702	90.242	ug/l #	81
17) Carbon Disulfide	2.508	76	67918	16.493	ug/l	98
18) Methyl Acetate	2.709	43	66065	19.158	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	107609	18.460	ug/l	99
20) Methylene Chloride	2.788	84	35975	17.702	ug/l #	83
21) trans-1,2-Dichloroethene	3.093	96	32311	17.592	ug/l	84
22) Diisopropyl ether	3.763	45	92498	18.945	ug/l #	84
23) Vinyl Acetate	3.727	43	332086	95.278	ug/l #	89
24) 1,1-Dichloroethane	3.611	63	57605	18.105	ug/l	95
25) 2-Butanone	4.562	43	122857	95.307	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	43858	18.698	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	39842	18.203	ug/l	84
28) Bromochloromethane	4.904	49	27661	19.917	ug/l #	69
29) Tetrahydrofuran	5.007	42	78614	95.195	ug/l #	79
30) Chloroform	5.093	83	62633	18.347	ug/l	98
31) Cyclohexane	5.470	56	47009	18.693	ug/l	88
32) 1,1,1-Trichloroethane	5.391	97	54173	18.425	ug/l	95
36) 1,1-Dichloropropene	5.696	75	42790	17.593	ug/l	96
37) Ethyl Acetate	4.721	43	46504	18.648	ug/l #	91
38) Carbon Tetrachloride	5.678	117	45801	18.220	ug/l	97
39) Methylcyclohexane	7.385	83	54813	18.482	ug/l	88
40) Benzene	6.037	78	136865	18.288	ug/l	99

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41) Methacrylonitrile	4.922	41	23943	18.847	ug/l #	82
42) 1,2-Dichloroethane	6.086	62	46641	18.612	ug/l	91
43) Isopropyl Acetate	6.342	43	71152	19.049	ug/l #	89
44) Trichloroethene	7.129	130	36608	17.808	ug/l	92
45) 1,2-Dichloropropane	7.434	63	33854	18.471	ug/l	98
46) Dibromomethane	7.586	93	25583	18.599	ug/l	91
47) Bromodichloromethane	7.824	83	46249	18.401	ug/l	97
48) Methyl methacrylate	7.696	41	34085	19.066	ug/l #	76
49) 1,4-Dioxane	7.665	88	21488	383.089	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	232992	98.079	ug/l #	87
52) Toluene	8.720	92	89226	18.356	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	46262	17.726	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	52997	18.252	ug/l #	82
55) 1,1,2-Trichloroethane	9.153	97	38979	19.287	ug/l	97
56) Ethyl methacrylate	9.116	69	56496	19.185	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	62771	18.636	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	125286	84.091	ug/l	92
59) 2-Hexanone	9.433	43	179155	98.881	ug/l	84
60) Dibromochloromethane	9.525	129	37094	18.434	ug/l	99
61) 1,2-Dibromoethane	9.610	107	40938	18.915	ug/l	100
64) Tetrachloroethene	9.275	164	30530	17.729	ug/l	99
65) Chlorobenzene	10.079	112	96413	17.845	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	35272	18.421	ug/l	97
67) Ethyl Benzene	10.195	91	166185	18.095	ug/l	99
68) m/p-Xylenes	10.305	106	132128	36.573	ug/l	96
69) o-Xylene	10.640	106	65227	18.158	ug/l	98
70) Styrene	10.659	104	106882	18.301	ug/l	96
71) Bromoform	10.799	173	26662	18.428	ug/l #	98
73) Isopropylbenzene	10.963	105	170606	19.352	ug/l	99
74) N-amyl acetate	10.841	43	60409	19.879	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	59920	19.559	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	52833m	19.188	ug/l	
77) Bromobenzene	11.201	156	41412	18.978	ug/l	90
78) n-propylbenzene	11.305	91	185517	18.922	ug/l	98
79) 2-Chlorotoluene	11.366	91	117511	18.864	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	143833	19.235	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	14926	18.565	ug/l	90
82) 4-Chlorotoluene	11.457	91	130964	18.645	ug/l	97
83) tert-Butylbenzene	11.713	119	146311	19.408	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	142626	19.078	ug/l	96
85) sec-Butylbenzene	11.890	105	174843	19.238	ug/l	98
86) p-Isopropyltoluene	12.012	119	145800	18.943	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	75082	18.084	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	75395	17.850	ug/l	99
89) n-Butylbenzene	12.335	91	115682	18.292	ug/l	99
90) Hexachloroethane	12.536	117	23708	18.127	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	76089	18.398	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12210	18.719	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	43392	17.346	ug/l	96
94) Hexachlorobutadiene	13.725	225	19678	17.821	ug/l	99
95) Naphthalene	13.774	128	160271	18.341	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	44810	17.342	ug/l	99

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

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