

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037547.D
 Acq On : 06 Sep 2023 12:08
 Operator : JC/MD
 Sample : VX0906WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBSD01

Quant Time: Sep 06 22:44:42 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
 09/07/2023

Supervised By :Mahesh
 Dadoda
 09/07/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	124640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208721	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86705	48.252	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.500%		
35) Dibromofluoromethane	5.385	113	76979	55.689	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	111.380%		
50) Toluene-d8	8.647	98	263896	52.630	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.260%		
62) 4-Bromofluorobenzene	11.079	95	109571	55.606	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23942	16.536	ug/l	97
3) Chloromethane	1.300	50	22897	18.077	ug/l	96
4) Vinyl Chloride	1.374	62	24099	17.479	ug/l	98
5) Bromomethane	1.599	94	14122	20.563	ug/l	99
6) Chloroethane	1.678	64	15841	19.525	ug/l	100
7) Trichlorofluoromethane	1.886	101	37217	16.479	ug/l	97
8) Diethyl Ether	2.136	74	16110	18.437	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	23367	17.735	ug/l	95
10) Methyl Iodide	2.447	142	29381	18.348	ug/l	92
11) Tert butyl alcohol	2.965	59	36144	85.748	ug/l #	92
12) 1,1-Dichloroethene	2.312	96	21589	16.826	ug/l	81
13) Acrolein	2.233	56	43660	136.155	ug/l	99
14) Allyl chloride	2.660	41	33473	16.855	ug/l #	88
15) Acrylonitrile	3.062	53	77989	103.661	ug/l	99
16) Acetone	2.380	43	63864	90.849	ug/l #	83
17) Carbon Disulfide	2.508	76	45892	14.062	ug/l	99
18) Methyl Acetate	2.703	43	50548	19.098	ug/l #	86
19) Methyl tert-butyl Ether	3.111	73	90214	18.539	ug/l	96
20) Methylene Chloride	2.788	84	29524	18.781	ug/l #	80
21) trans-1,2-Dichloroethene	3.087	96	23762	16.292	ug/l	88
22) Diisopropyl ether	3.757	45	74966	18.396	ug/l #	94
23) Vinyl Acetate	3.721	43	281434	90.120	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	45913	17.966	ug/l	96
25) 2-Butanone	4.556	43	100075	94.548	ug/l #	84
26) 2,2-Dichloropropane	4.477	77	35444	15.530	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	31316	18.213	ug/l	84
28) Bromochloromethane	4.897	49	24463	21.429	ug/l #	73
29) Tetrahydrofuran	5.007	42	61959	91.790	ug/l #	80
30) Chloroform	5.092	83	51130	17.823	ug/l	97
31) Cyclohexane	5.464	56	33449	16.555	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	42515	16.538	ug/l	96
36) 1,1-Dichloropropene	5.684	75	31974	16.281	ug/l	96
37) Ethyl Acetate	4.714	43	36877	18.382	ug/l #	90
38) Carbon Tetrachloride	5.678	117	36161	16.951	ug/l	98
39) Methylcyclohexane	7.379	83	39799	19.289	ug/l	89
40) Benzene	6.037	78	104864	18.618	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	19717	18.906	ug/l	#	83
42) 1,2-Dichloroethane	6.086	62	39711	17.979	ug/l		94
43) Isopropyl Acetate	6.342	43	59114	18.560	ug/l	#	91
44) Trichloroethene	7.123	130	28062	17.571	ug/l		92
45) 1,2-Dichloropropane	7.434	63	27001	19.442	ug/l		98
46) Dibromomethane	7.580	93	20102	18.374	ug/l		89
47) Bromodichloromethane	7.824	83	38750	18.492	ug/l		97
48) Methyl methacrylate	7.696	41	27733	17.855	ug/l	#	79
49) 1,4-Dioxane	7.659	88	16443	393.077	ug/l	#	85
51) 4-Methyl-2-Pentanone	8.574	43	195313	100.989	ug/l		89
52) Toluene	8.720	92	68941	18.525	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	39735	17.808	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	43563	18.067	ug/l	#	81
55) 1,1,2-Trichloroethane	9.153	97	31475	20.771	ug/l		97
56) Ethyl methacrylate	9.116	69	46710	19.679	ug/l	#	80
57) 1,3-Dichloropropane	9.311	76	50774	19.876	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	120319	105.629	ug/l		93
59) 2-Hexanone	9.433	43	149102	101.112	ug/l		85
60) Dibromochloromethane	9.518	129	31467	19.503	ug/l		98
61) 1,2-Dibromoethane	9.610	107	33478	20.178	ug/l		99
64) Tetrachloroethene	9.275	164	23329	16.226	ug/l		96
65) Chlorobenzene	10.079	112	76577	18.384	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.165	131	29463	19.165	ug/l		100
67) Ethyl Benzene	10.195	91	132502	18.078	ug/l		98
68) m/p-Xylenes	10.299	106	104114	36.783	ug/l		97
69) o-Xylene	10.640	106	51977	18.612	ug/l		99
70) Styrene	10.652	104	87246	18.966	ug/l		96
71) Bromoform	10.799	173	22062	19.185	ug/l	#	99
73) Isopropylbenzene	10.963	105	137487	18.193	ug/l		99
74) N-amyl acetate	10.841	43	51111	17.406	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	51453	20.217	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	40783m	18.418	ug/l		
77) Bromobenzene	11.195	156	34093	18.472	ug/l		91
78) n-propylbenzene	11.305	91	152410	18.112	ug/l		98
79) 2-Chlorotoluene	11.366	91	97423	18.117	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	117486	18.637	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	12396	15.636	ug/l		92
82) 4-Chlorotoluene	11.457	91	109711	17.674	ug/l		97
83) tert-Butylbenzene	11.713	119	121185	20.157	ug/l		94
84) 1,2,4-Trimethylbenzene	11.750	105	118155	18.545	ug/l		97
85) sec-Butylbenzene	11.890	105	144815	20.622	ug/l		99
86) p-Isopropyltoluene	12.012	119	122557	20.273	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	63663	18.424	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	64635	18.105	ug/l		99
89) n-Butylbenzene	12.335	91	98804	19.714	ug/l		99
90) Hexachloroethane	12.542	117	20248	20.067	ug/l		92
91) 1,2-Dichlorobenzene	12.335	146	66574	19.675	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11095	18.762	ug/l		78
93) 1,2,4-Trichlorobenzene	13.591	180	39872	20.139	ug/l		96
94) Hexachlorobutadiene	13.725	225	17955	23.475	ug/l		98
95) Naphthalene	13.774	128	142724	16.457	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	40337	20.507	ug/l		98

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

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