

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
 Data File : VX036884.D
 Acq On : 09 Aug 2023 11:48
 Operator : JC/MD
 Sample : VX0809WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/10/2023
 Supervised By : Mahesh Dadoda 08/10/2023

Quant Time: Aug 10 01:14:24 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	140274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236716	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100442	48.393	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.780%		
35) Dibromofluoromethane	5.385	113	82793	50.885	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.780%		
50) Toluene-d8	8.647	98	273089	47.330	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.660%		
62) 4-Bromofluorobenzene	11.079	95	108933	50.041	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36969	19.950	ug/l	97
3) Chloromethane	1.300	50	30162	17.896	ug/l	97
4) Vinyl Chloride	1.374	62	33260	19.382	ug/l	99
5) Bromomethane	1.599	94	19680	19.210	ug/l	93
6) Chloroethane	1.684	64	20676	24.783	ug/l	99
7) Trichlorofluoromethane	1.886	101	59126	22.312	ug/l	100
8) Diethyl Ether	2.136	74	20742	20.232	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	32838	20.626	ug/l	99
10) Methyl Iodide	2.453	142	35602	21.530	ug/l	94
11) Tert butyl alcohol	2.959	59	50504	102.781	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	30658	19.518	ug/l	90
13) Acrolein	2.239	56	31412	112.014	ug/l	97
14) Allyl chloride	2.666	41	52475	16.966	ug/l #	95
15) Acrylonitrile	3.062	53	95763	96.908	ug/l	99
16) Acetone	2.379	43	85215	98.940	ug/l	96
17) Carbon Disulfide	2.514	76	78478	18.103	ug/l	100
18) Methyl Acetate	2.703	43	67514	18.634	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	121180	20.530	ug/l	99
20) Methylene Chloride	2.788	84	37671	19.667	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	34579	19.698	ug/l	89
22) Diisopropyl ether	3.757	45	105491	17.963	ug/l	95
23) Vinyl Acetate	3.721	43	419115	93.038	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	62480	18.976	ug/l	99
25) 2-Butanone	4.556	43	134494	96.248	ug/l	91
26) 2,2-Dichloropropane	4.471	77	57686	18.593	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	41172	19.746	ug/l	93
28) Bromochloromethane	4.897	49	31353	19.689	ug/l	84
29) Tetrahydrofuran	5.007	42	84930	94.271	ug/l	88
30) Chloroform	5.092	83	68515	20.339	ug/l	98
31) Cyclohexane	5.470	56	52360	18.220	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	62038	20.099	ug/l	98
36) 1,1-Dichloropropene	5.696	75	48672	20.070	ug/l	98
37) Ethyl Acetate	4.714	43	52537	19.140	ug/l	95
38) Carbon Tetrachloride	5.678	117	53280	20.665	ug/l	98
39) Methylcyclohexane	7.379	83	54111	17.944	ug/l	92
40) Benzene	6.037	78	140659	19.935	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	28052	19.108	ug/l	92
42) 1,2-Dichloroethane	6.086	62	55378	21.467	ug/l	95
43) Isopropyl Acetate	6.342	43	88155	18.657	ug/l	96
44) Trichloroethene	7.123	130	38642	20.952	ug/l	97
45) 1,2-Dichloropropane	7.427	63	36445	19.346	ug/l	100
46) Dibromomethane	7.580	93	28050	21.275	ug/l	96
47) Bromodichloromethane	7.824	83	54091	19.987	ug/l	96
48) Methyl methacrylate	7.690	41	41110	18.709	ug/l #	88
49) 1,4-Dioxane	7.659	88	20695	466.207	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	261515	100.016	ug/l	94
52) Toluene	8.720	92	91443	20.684	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	58790	19.220	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	62309	19.305	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	38873	20.917	ug/l	98
56) Ethyl methacrylate	9.116	69	60865	20.113	ug/l	91
57) 1,3-Dichloropropane	9.305	76	64785	20.930	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	144714	97.053	ug/l	95
59) 2-Hexanone	9.427	43	199895	103.009	ug/l	93
60) Dibromochloromethane	9.518	129	40889	20.018	ug/l	100
61) 1,2-Dibromoethane	9.610	107	41372	21.480	ug/l	99
64) Tetrachloroethene	9.275	164	34947	21.926	ug/l	95
65) Chlorobenzene	10.079	112	97579	20.717	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	37741	20.731	ug/l	99
67) Ethyl Benzene	10.195	91	174927	20.329	ug/l	99
68) m/p-Xylenes	10.299	106	134342	41.845	ug/l	99
69) o-Xylene	10.640	106	66704	20.815	ug/l	99
70) Styrene	10.652	104	108419	20.506	ug/l	98
71) Bromoform	10.799	173	29001	19.679	ug/l #	100
73) Isopropylbenzene	10.963	105	171125	19.314	ug/l	99
74) N-amyl acetate	10.841	43	72296	17.498	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	57712	19.285	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	50755m	20.155	ug/l	
77) Bromobenzene	11.195	156	40816	20.228	ug/l	95
78) n-propylbenzene	11.305	91	193343	18.868	ug/l	99
79) 2-Chlorotoluene	11.366	91	120808	19.456	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	144615	19.510	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18164	16.349	ug/l	90
82) 4-Chlorotoluene	11.451	91	139321	19.692	ug/l	98
83) tert-Butylbenzene	11.713	119	138045	18.958	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	144955	19.555	ug/l	97
85) sec-Butylbenzene	11.890	105	164848	18.153	ug/l	99
86) p-Isopropyltoluene	12.012	119	139155	18.623	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	75492	20.200	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	76958	20.750	ug/l	100
89) n-Butylbenzene	12.329	91	115878	17.323	ug/l	99
90) Hexachloroethane	12.536	117	24353	16.076	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	74679	20.708	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13296	19.120	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	42864	19.292	ug/l	98
94) Hexachlorobutadiene	13.725	225	17206	18.718	ug/l	98
95) Naphthalene	13.774	128	160456	20.723	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	43359	19.800	ug/l	99

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

