

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062823\
 Data File : VX036360.D
 Acq On : 28 Jun 2023 11:48
 Operator : JC/MD
 Sample : VX0628WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/29/2023
 Supervised By : Mahesh Dadoda 06/29/2023

Quant Time: Jun 29 01:27:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	221654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	369998	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	331206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	152868	48.113	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.220%		
35) Dibromofluoromethane	5.379	113	119959	49.170	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.340%		
50) Toluene-d8	8.647	98	447287	49.087	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.180%		
62) 4-Bromofluorobenzene	11.079	95	163880	51.059	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36000	17.155	ug/l	96
3) Chloromethane	1.294	50	49284	13.539	ug/l	99
4) Vinyl Chloride	1.374	62	56712	14.250	ug/l	96
5) Bromomethane	1.617	94	43259	14.855	ug/l	97
6) Chloroethane	1.691	64	44384	15.191	ug/l	100
7) Trichlorofluoromethane	1.892	101	98036	16.203	ug/l	94
8) Diethyl Ether	2.136	74	38435	16.455	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	46446	18.290	ug/l	96
10) Methyl Iodide	2.453	142	51696	16.801	ug/l	93
11) Tert butyl alcohol	3.007	59	60324	104.304	ug/l	99
12) 1,1-Dichloroethene	2.318	96	44110	17.511	ug/l	87
13) Acrolein	2.239	56	68394	86.108	ug/l	99
14) Allyl chloride	2.666	41	73847	18.039	ug/l	97
15) Acrylonitrile	3.068	53	128732	87.815	ug/l	100
16) Acetone	2.398	43	116776	85.988	ug/l	93
17) Carbon Disulfide	2.514	76	97983	15.838	ug/l	100
18) Methyl Acetate	2.709	43	100846	18.058	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	156909	19.274	ug/l	96
20) Methylene Chloride	2.788	84	50994	17.439	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	45577	16.955	ug/l	91
22) Diisopropyl ether	3.757	45	157205	19.164	ug/l #	90
23) Vinyl Acetate	3.721	43	566168	95.107	ug/l	97
24) 1,1-Dichloroethane	3.605	63	88932	18.396	ug/l	98
25) 2-Butanone	4.562	43	175872	90.133	ug/l	94
26) 2,2-Dichloropropane	4.471	77	70436	20.543	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	55962	18.563	ug/l	91
28) Bromochloromethane	4.891	49	48943	19.521	ug/l	89
29) Tetrahydrofuran	5.013	42	113281	91.188	ug/l	97
30) Chloroform	5.092	83	93472	19.197	ug/l	100
31) Cyclohexane	5.470	56	73800	18.126	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	78639	19.335	ug/l	99
36) 1,1-Dichloropropene	5.690	75	65328	17.964	ug/l	99
37) Ethyl Acetate	4.708	43	69802	18.832	ug/l	99
38) Carbon Tetrachloride	5.672	117	65203	19.631	ug/l	95
39) Methylcyclohexane	7.379	83	79208	18.185	ug/l	94
40) Benzene	6.037	78	193086	19.007	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	38598	18.772	ug/l	93
42) 1,2-Dichloroethane	6.080	62	75016	19.414	ug/l	97
43) Isopropyl Acetate	6.336	43	113737	19.236	ug/l	96
44) Trichloroethene	7.122	130	51099	18.084	ug/l	98
45) 1,2-Dichloropropane	7.427	63	53810	19.449	ug/l	98
46) Dibromomethane	7.580	93	36942	18.968	ug/l	93
47) Bromodichloromethane	7.817	83	69122	19.626	ug/l	96
48) Methyl methacrylate	7.689	41	56609	19.201	ug/l	92
49) 1,4-Dioxane	7.720	88	27171	415.731	ug/l #	92
51) 4-Methyl-2-Pentanone	8.573	43	361082	94.786	ug/l	99
52) Toluene	8.720	92	120527	18.721	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	74855	21.040	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	81625	20.296	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	52994	19.806	ug/l	97
56) Ethyl methacrylate	9.116	69	80599	20.139	ug/l	96
57) 1,3-Dichloropropane	9.305	76	89782	19.579	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	222160	98.776	ug/l	99
59) 2-Hexanone	9.427	43	269955	97.041	ug/l	98
60) Dibromochloromethane	9.518	129	51959	19.987	ug/l	98
61) 1,2-Dibromoethane	9.610	107	55174	19.431	ug/l	99
64) Tetrachloroethene	9.275	164	47305	20.228	ug/l	96
65) Chlorobenzene	10.079	112	133960	19.240	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	49736	21.134	ug/l	100
67) Ethyl Benzene	10.195	91	234394	18.937	ug/l	98
68) m/p-Xylenes	10.299	106	182269	37.902	ug/l	96
69) o-Xylene	10.640	106	91574	19.719	ug/l	96
70) Styrene	10.652	104	146150	19.221	ug/l	97
71) Bromoform	10.799	173	34894	20.672	ug/l #	99
73) Isopropylbenzene	10.963	105	235268	19.168	ug/l	97
74) N-amyl acetate	10.841	43	98744	20.339	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	80029	19.254	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	65507m	18.856	ug/l	
77) Bromobenzene	11.195	156	57501	19.052	ug/l	93
78) n-propylbenzene	11.305	91	270275	18.855	ug/l	98
79) 2-Chlorotoluene	11.366	91	161113	18.894	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	198536	19.100	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21247	19.936	ug/l	98
82) 4-Chlorotoluene	11.451	91	187416	18.878	ug/l	97
83) tert-Butylbenzene	11.713	119	189284	19.001	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	195767	19.036	ug/l	97
85) sec-Butylbenzene	11.890	105	237516	18.820	ug/l	98
86) p-Isopropyltoluene	12.006	119	202024	19.074	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	105395	18.993	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	107262	18.983	ug/l	99
89) n-Butylbenzene	12.329	91	175328	18.601	ug/l	97
90) Hexachloroethane	12.536	117	30567	19.055	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	106335	19.461	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16024	20.296	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	67125	19.945	ug/l	97
94) Hexachlorobutadiene	13.725	225	27059	19.632	ug/l	97
95) Naphthalene	13.774	128	230208	20.705	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67363	20.520	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

