

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030723\
 Data File : VX034363.D
 Acq On : 07 Mar 2023 11:26
 Operator : JC/MD
 Sample : VX0307WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/08/2023
 Supervised By : Mahesh Dadoda 03/08/2023

Quant Time: Mar 08 01:00:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	268792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	442856	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	398169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	198997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151182	41.763	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.520%		
35) Dibromofluoromethane	5.385	113	126469	43.861	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.720%		
50) Toluene-d8	8.647	98	457452	44.188	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.380%#		
62) 4-Bromofluorobenzene	11.079	95	178447	45.064	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	43937	18.917	ug/l	97
3) Chloromethane	1.301	50	59852	17.907	ug/l	99
4) Vinyl Chloride	1.374	62	61756	20.288	ug/l	98
5) Bromomethane	1.605	94	37529	29.875	ug/l	99
6) Chloroethane	1.685	64	35824	23.410	ug/l	98
7) Trichlorofluoromethane	1.886	101	95445	23.176	ug/l	99
8) Diethyl Ether	2.136	74	35082	21.145	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	53973	18.610	ug/l	95
10) Methyl Iodide	2.453	142	61582	17.439	ug/l	96
11) Tert butyl alcohol	2.953	59	71112	87.830	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	52421	18.031	ug/l	96
13) Acrolein	2.239	56	33023	89.350	ug/l	97
14) Allyl chloride	2.666	41	101908	16.525	ug/l	93
15) Acrylonitrile	3.062	53	167792	94.997	ug/l	100
16) Acetone	2.380	43	153932	82.433	ug/l	94
17) Carbon Disulfide	2.514	76	135371	16.195	ug/l	99
18) Methyl Acetate	2.703	43	112349	19.444	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	198426	19.338	ug/l	97
20) Methylene Chloride	2.788	84	61550	18.293	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	56282	18.475	ug/l	99
22) Diisopropyl ether	3.757	45	215647	19.946	ug/l	96
23) Vinyl Acetate	3.721	43	834820	96.375	ug/l	100
24) 1,1-Dichloroethane	3.611	63	109075	18.377	ug/l	99
25) 2-Butanone	4.556	43	244124	90.352	ug/l	99
26) 2,2-Dichloropropane	4.477	77	94148	17.510	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	67751	18.781	ug/l	95
28) Bromochloromethane	4.898	49	40904	15.449	ug/l	88
29) Tetrahydrofuran	5.001	42	156625	95.023	ug/l	98
30) Chloroform	5.093	83	109030	19.130	ug/l	93
31) Cyclohexane	5.471	56	99325	18.378	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	95016	18.597	ug/l	99
36) 1,1-Dichloropropene	5.696	75	80303	18.831	ug/l	98
37) Ethyl Acetate	4.715	43	94530	19.835	ug/l	99
38) Carbon Tetrachloride	5.672	117	80443	18.332	ug/l	94
39) Methylcyclohexane	7.379	83	99509	18.133	ug/l	99
40) Benzene	6.038	78	245348	19.415	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	52086	19.616	ug/l	99
42) 1,2-Dichloroethane	6.086	62	88280	19.863	ug/l	98
43) Isopropyl Acetate	6.336	43	160943	19.137	ug/l	100
44) Trichloroethene	7.123	130	62237	19.191	ug/l	93
45) 1,2-Dichloropropane	7.428	63	65015	19.326	ug/l	99
46) Dibromomethane	7.580	93	43478	19.638	ug/l	88
47) Bromodichloromethane	7.824	83	85767	18.877	ug/l	98
48) Methyl methacrylate	7.690	41	76125	19.071	ug/l	97
49) 1,4-Dioxane	7.659	88	30918	388.329	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	484419	104.694	ug/l	98
52) Toluene	8.720	92	154128	20.129	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	96080	18.371	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	104065	18.587	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	63311	20.484	ug/l	99
56) Ethyl methacrylate	9.116	69	103262	19.750	ug/l	98
57) 1,3-Dichloropropane	9.305	76	108929	20.257	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	216588	95.626	ug/l	95
59) 2-Hexanone	9.427	43	365012	103.513	ug/l	97
60) Dibromochloromethane	9.519	129	65200	19.092	ug/l	100
61) 1,2-Dibromoethane	9.610	107	66820	20.442	ug/l	99
64) Tetrachloroethene	9.269	164	53969	19.205	ug/l	94
65) Chlorobenzene	10.080	112	164910	19.869	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	60750	18.907	ug/l	98
67) Ethyl Benzene	10.195	91	299711	20.100	ug/l	97
68) m/p-Xylenes	10.299	106	230292	40.358	ug/l	96
69) o-Xylene	10.640	106	113046	19.899	ug/l	95
70) Styrene	10.653	104	185168	20.042	ug/l	97
71) Bromoform	10.799	173	46455	17.713	ug/l #	100
73) Isopropylbenzene	10.964	105	293530	19.354	ug/l	99
74) N-amyl acetate	10.842	43	141935	18.628	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	99447	19.172	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80824m	16.141	ug/l	
77) Bromobenzene	11.195	156	70952	19.440	ug/l	87
78) n-propylbenzene	11.305	91	339781	19.264	ug/l	97
79) 2-Chlorotoluene	11.366	91	206615	19.104	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	246102	19.301	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	30268	15.528	ug/l	99
82) 4-Chlorotoluene	11.451	91	237410	19.272	ug/l	96
83) tert-Butylbenzene	11.713	119	242937	18.603	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	246084	19.087	ug/l	97
85) sec-Butylbenzene	11.890	105	301749	19.027	ug/l	98
86) p-Isopropyltoluene	12.006	119	250851	19.113	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	133777	19.545	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	132903	19.250	ug/l	97
89) n-Butylbenzene	12.329	91	221570	18.954	ug/l	97
90) Hexachloroethane	12.536	117	45452	16.563	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	130365	19.466	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19747	15.964	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	79755	18.550	ug/l	98
94) Hexachlorobutadiene	13.725	225	32610	18.296	ug/l	98
95) Naphthalene	13.774	128	273038	18.851	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	80135	18.773	ug/l	98

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

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