

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
 Data File : VX034845.D
 Acq On : 30 Mar 2023 12:23
 Operator : JC/MD
 Sample : VX0330WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/01/2023
 Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Apr 01 02:43:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	253883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	422971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	382201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	192518	49.583	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.160%		
35) Dibromofluoromethane	5.385	113	142053	50.776	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.560%		
50) Toluene-d8	8.647	98	529351	51.263	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.520%		
62) 4-Bromofluorobenzene	11.079	95	202441	50.661	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48117	19.002	ug/l	99
3) Chloromethane	1.294	50	60658	19.132	ug/l	98
4) Vinyl Chloride	1.374	62	61247	19.511	ug/l	93
5) Bromomethane	1.618	94	41703	20.444	ug/l	97
6) Chloroethane	1.691	64	39750	19.462	ug/l	99
7) Trichlorofluoromethane	1.892	101	103174	20.444	ug/l	97
8) Diethyl Ether	2.130	74	36391	20.454	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	52687	19.974	ug/l	98
10) Methyl Iodide	2.453	142	62186	18.931	ug/l	95
11) Tert butyl alcohol	3.001	59	65820m	96.617	ug/l	
12) 1,1-Dichloroethene	2.319	96	49042	18.816	ug/l	93
13) Acrolein	2.239	56	61497	87.693	ug/l	100
14) Allyl chloride	2.666	41	94607	18.528	ug/l	94
15) Acrylonitrile	3.068	53	149906	97.758	ug/l	98
16) Acetone	2.392	43	144820	91.814	ug/l	96
17) Carbon Disulfide	2.514	76	120678	18.487	ug/l	99
18) Methyl Acetate	2.703	43	109063	19.461	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	185453	19.218	ug/l	98
20) Methylene Chloride	2.788	84	57546	18.488	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	54616	19.214	ug/l	99
22) Diisopropyl ether	3.757	45	203725	19.773	ug/l	97
23) Vinyl Acetate	3.721	43	731896	99.605	ug/l	98
24) 1,1-Dichloroethane	3.611	63	105897	19.103	ug/l	99
25) 2-Butanone	4.562	43	220491	96.099	ug/l	98
26) 2,2-Dichloropropane	4.477	77	84354	18.504	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	63686	18.908	ug/l	97
28) Bromochloromethane	4.897	49	54982	20.276	ug/l	96
29) Tetrahydrofuran	5.007	42	138705	96.501	ug/l	99
30) Chloroform	5.093	83	107264	19.050	ug/l	96
31) Cyclohexane	5.470	56	95247	20.146	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	93042	19.364	ug/l	98
36) 1,1-Dichloropropene	5.696	75	79467	19.173	ug/l	99
37) Ethyl Acetate	4.708	43	83772	19.330	ug/l	99
38) Carbon Tetrachloride	5.678	117	75000	19.193	ug/l	100
39) Methylcyclohexane	7.379	83	87154	19.802	ug/l	97
40) Benzene	6.037	78	233073	19.589	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47061	19.967	ug/l	98
42) 1,2-Dichloroethane	6.086	62	92295	19.512	ug/l	98
43) Isopropyl Acetate	6.336	43	140529	19.382	ug/l	100
44) Trichloroethene	7.123	130	60090	19.785	ug/l	96
45) 1,2-Dichloropropane	7.427	63	60285	19.444	ug/l	96
46) Dibromomethane	7.580	93	40688	19.073	ug/l	98
47) Bromodichloromethane	7.818	83	75920	19.267	ug/l	95
48) Methyl methacrylate	7.690	41	69691	19.572	ug/l	96
49) 1,4-Dioxane	7.714	88	28962	394.682	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	433500	101.022	ug/l	98
52) Toluene	8.720	92	145631	18.773	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	81408	19.205	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	90686	19.549	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	58101	19.788	ug/l	98
56) Ethyl methacrylate	9.116	69	90783	19.734	ug/l	96
57) 1,3-Dichloropropane	9.305	76	102999	19.808	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	213393	91.103	ug/l	99
59) 2-Hexanone	9.427	43	327875	101.020	ug/l	99
60) Dibromochloromethane	9.519	129	53458	19.113	ug/l	99
61) 1,2-Dibromoethane	9.610	107	61097	20.011	ug/l	98
64) Tetrachloroethene	9.275	164	51218	18.726	ug/l	96
65) Chlorobenzene	10.079	112	155556	19.562	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	52726	19.282	ug/l	98
67) Ethyl Benzene	10.195	91	285247	19.801	ug/l	99
68) m/p-Xylenes	10.299	106	214961	39.063	ug/l	97
69) o-Xylene	10.640	106	104907	19.460	ug/l	97
70) Styrene	10.652	104	171764	19.960	ug/l	100
71) Bromoform	10.799	173	34573	18.590	ug/l #	99
73) Isopropylbenzene	10.963	105	272075	19.708	ug/l	100
74) N-amyl acetate	10.841	43	123306	19.865	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	87526	19.344	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	72982m	19.218	ug/l	
77) Bromobenzene	11.195	156	63962	18.698	ug/l	98
78) n-propylbenzene	11.305	91	313316	19.646	ug/l	100
79) 2-Chlorotoluene	11.366	91	194478	19.314	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	225052	19.497	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	19883	15.691	ug/l #	79
82) 4-Chlorotoluene	11.451	91	227589	19.464	ug/l	99
83) tert-Butylbenzene	11.713	119	211681	19.529	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	226452	19.292	ug/l	99
85) sec-Butylbenzene	11.890	105	262105	19.877	ug/l	100
86) p-Isopropyltoluene	12.006	119	219262	19.941	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	121782	19.549	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	123039	18.910	ug/l	97
89) n-Butylbenzene	12.329	91	190286	19.807	ug/l	99
90) Hexachloroethane	12.536	117	32282	18.949	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	120886	19.375	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17510	18.540	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	72041	20.415	ug/l	99
94) Hexachlorobutadiene	13.725	225	30351	19.555	ug/l	97
95) Naphthalene	13.774	128	247552	19.743	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	70691	19.865	ug/l	100

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

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