

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
 Data File : VX035073.D
 Acq On : 14 Apr 2023 10:59
 Operator : JC/MD
 Sample : VX0415WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/17/2023
 Supervised By :Mahesh Dadoda 04/17/2023

Quant Time: Apr 17 05:05:38 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	287161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	480235	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	427836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	187554	42.706	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.420%		
35) Dibromofluoromethane	5.385	113	145631	45.848	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.700%		
50) Toluene-d8	8.647	98	523894	44.685	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.360%#		
62) 4-Bromofluorobenzene	11.079	95	205816	45.364	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50189	17.523	ug/l	99
3) Chloromethane	1.300	50	56142	15.656	ug/l	100
4) Vinyl Chloride	1.374	62	55551	15.645	ug/l	99
5) Bromomethane	1.617	94	35152	15.235	ug/l	99
6) Chloroethane	1.691	64	32790	14.194	ug/l	100
7) Trichlorofluoromethane	1.892	101	84604	14.822	ug/l	100
8) Diethyl Ether	2.136	74	36278	18.028	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	54081	18.127	ug/l	96
10) Methyl Iodide	2.453	142	59109	15.909	ug/l	96
11) Tert butyl alcohol	2.995	59	72628m	94.256	ug/l	
12) 1,1-Dichloroethene	2.319	96	50019	16.967	ug/l	97
13) Acrolein	2.239	56	60895	76.771	ug/l	99
14) Allyl chloride	2.666	41	97677	16.912	ug/l	96
15) Acrylonitrile	3.068	53	173848	100.233	ug/l	99
16) Acetone	2.392	43	153838	86.229	ug/l	99
17) Carbon Disulfide	2.514	76	104787	14.192	ug/l	99
18) Methyl Acetate	2.709	43	130586	20.601	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	209912	19.232	ug/l	95
20) Methylene Chloride	2.788	84	62588	17.778	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	55674	17.316	ug/l	97
22) Diisopropyl ether	3.757	45	219023	18.795	ug/l	99
23) Vinyl Acetate	3.721	43	782017	94.092	ug/l	99
24) 1,1-Dichloroethane	3.611	63	111543	17.790	ug/l	99
25) 2-Butanone	4.562	43	249836	96.270	ug/l	97
26) 2,2-Dichloropropane	4.477	77	85440	16.570	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	69082	18.133	ug/l	98
28) Bromochloromethane	4.897	49	68975	22.488	ug/l	95
29) Tetrahydrofuran	5.013	42	159710	98.238	ug/l	99
30) Chloroform	5.092	83	117238	18.409	ug/l	98
31) Cyclohexane	5.470	56	90307	16.887	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	96854	17.822	ug/l	98
36) 1,1-Dichloropropene	5.690	75	80106	17.023	ug/l	98
37) Ethyl Acetate	4.715	43	96783	19.669	ug/l	99
38) Carbon Tetrachloride	5.678	117	80009	18.033	ug/l	97
39) Methylcyclohexane	7.379	83	84085	16.827	ug/l	98
40) Benzene	6.037	78	245755	18.192	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54816	20.484	ug/l	97
42) 1,2-Dichloroethane	6.086	62	95646	17.809	ug/l	99
43) Isopropyl Acetate	6.342	43	156701	19.035	ug/l	99
44) Trichloroethene	7.123	130	63485	18.410	ug/l	98
45) 1,2-Dichloropropane	7.427	63	66240	18.817	ug/l	100
46) Dibromomethane	7.580	93	45359	18.728	ug/l	97
47) Bromodichloromethane	7.818	83	83718	18.713	ug/l	100
48) Methyl methacrylate	7.690	41	77955	19.282	ug/l	97
49) 1,4-Dioxane	7.702	88	33872	406.552	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	492845	101.156	ug/l	99
52) Toluene	8.720	92	156598	17.779	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	87873	18.258	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	100028	18.991	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	65900	19.768	ug/l	98
56) Ethyl methacrylate	9.116	69	104318	19.973	ug/l	96
57) 1,3-Dichloropropane	9.305	76	114700	19.428	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	297528	111.876	ug/l	97
59) 2-Hexanone	9.427	43	368090	99.887	ug/l	98
60) Dibromochloromethane	9.519	129	62131	19.565	ug/l	100
61) 1,2-Dibromoethane	9.610	107	67987	19.613	ug/l	98
64) Tetrachloroethene	9.275	164	54972	17.954	ug/l	97
65) Chlorobenzene	10.079	112	169796	19.075	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	59762	19.524	ug/l	98
67) Ethyl Benzene	10.195	91	296800	18.405	ug/l	98
68) m/p-Xylenes	10.299	106	229486	37.255	ug/l	99
69) o-Xylene	10.640	106	113451	18.801	ug/l	99
70) Styrene	10.652	104	189816	19.705	ug/l	97
71) Bromoform	10.799	173	41462	19.916	ug/l #	99
73) Isopropylbenzene	10.963	105	287874	18.910	ug/l	100
74) N-amyl acetate	10.841	43	132706	19.388	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	100175	20.078	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82726m	19.755	ug/l	
77) Bromobenzene	11.195	156	70476	18.684	ug/l	98
78) n-propylbenzene	11.305	91	324221	18.436	ug/l	100
79) 2-Chlorotoluene	11.366	91	207733	18.709	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	240879	18.925	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	22726	16.265	ug/l #	85
82) 4-Chlorotoluene	11.457	91	236141	18.314	ug/l	97
83) tert-Butylbenzene	11.713	119	234505	19.620	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	244553	18.893	ug/l	100
85) sec-Butylbenzene	11.890	105	274195	18.857	ug/l	100
86) p-Isopropyltoluene	12.012	119	232239	19.154	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	133163	19.385	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	134612	18.762	ug/l	98
89) n-Butylbenzene	12.335	91	196544	18.553	ug/l	99
90) Hexachloroethane	12.536	117	34538	18.385	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	134251	19.513	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21594	20.735	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	78001	20.046	ug/l	98
94) Hexachlorobutadiene	13.725	225	33328	19.473	ug/l	98
95) Naphthalene	13.774	128	290031	20.977	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	80716	20.570	ug/l	99

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

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