

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
 Data File : VX034844.D
 Acq On : 30 Mar 2023 11:57
 Operator : JC/MD
 Sample : VX0330WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBS01

Manual Integrations
 APPROVED

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

Quant Time: Apr 01 02:42:34 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	5.556	168	258551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	435348	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	390208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	192940	48.794	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.580%		
35) Dibromofluoromethane	5.385	113	144296	50.112	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.220%		
50) Toluene-d8	8.647	98	539510	50.762	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.520%		
62) 4-Bromofluorobenzene	11.079	95	203587	49.500	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49573	19.224	ug/l	99
3) Chloromethane	1.294	50	63165	19.563	ug/l	98
4) Vinyl Chloride	1.374	62	63043	19.720	ug/l	96
5) Bromomethane	1.617	94	42548	20.482	ug/l	100
6) Chloroethane	1.691	64	40976	19.700	ug/l	99
7) Trichlorofluoromethane	1.892	101	103715	20.180	ug/l	99
8) Diethyl Ether	2.130	74	36224	19.993	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	52573	19.571	ug/l	98
10) Methyl Iodide	2.453	142	63961	19.120	ug/l	96
11) Tert butyl alcohol	2.995	59	61159m	88.154	ug/l	
12) 1,1-Dichloroethene	2.319	96	49514	18.654	ug/l	92
13) Acrolein	2.239	56	60550	84.783	ug/l	100
14) Allyl chloride	2.666	41	95977	18.457	ug/l	94
15) Acrylonitrile	3.062	53	146839	94.029	ug/l	98
16) Acetone	2.386	43	140840	87.679	ug/l	98
17) Carbon Disulfide	2.514	76	121377	18.259	ug/l	97
18) Methyl Acetate	2.703	43	107604	18.854	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	184435	18.768	ug/l	99
20) Methylene Chloride	2.788	84	58531	18.465	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	56316	19.454	ug/l	96
22) Diisopropyl ether	3.757	45	203542	19.399	ug/l	99
23) Vinyl Acetate	3.721	43	733986	98.086	ug/l	98
24) 1,1-Dichloroethane	3.611	63	108341	19.191	ug/l	99
25) 2-Butanone	4.562	43	216460	92.639	ug/l	99
26) 2,2-Dichloropropane	4.477	77	84458	18.192	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	65251	19.023	ug/l	98
28) Bromochloromethane	4.897	49	54483	19.729	ug/l	98
29) Tetrahydrofuran	5.007	42	134506	91.890	ug/l	99
30) Chloroform	5.092	83	111762	19.491	ug/l	97
31) Cyclohexane	5.470	56	96685	20.081	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	93866	19.183	ug/l	98
36) 1,1-Dichloropropene	5.690	75	82300	19.292	ug/l	99
37) Ethyl Acetate	4.708	43	83490	18.717	ug/l	100
38) Carbon Tetrachloride	5.678	117	76874	19.113	ug/l	97
39) Methylcyclohexane	7.379	83	89362	19.726	ug/l	97
40) Benzene	6.037	78	238565	19.481	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46577	19.200	ug/l	98
42) 1,2-Dichloroethane	6.086	62	95335	19.582	ug/l	99
43) Isopropyl Acetate	6.336	43	139197	18.652	ug/l	99
44) Trichloroethene	7.129	130	59991	19.191	ug/l	96
45) 1,2-Dichloropropane	7.427	63	62050	19.444	ug/l	99
46) Dibromomethane	7.580	93	40796	18.580	ug/l	100
47) Bromodichloromethane	7.824	83	77032	18.994	ug/l	98
48) Methyl methacrylate	7.696	41	67858	18.515	ug/l	97
49) 1,4-Dioxane	7.702	88	28089	371.902	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	426474	96.559	ug/l	98
52) Toluene	8.720	92	151182	18.934	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	81249	18.622	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	92274	19.326	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	58360	19.312	ug/l	98
56) Ethyl methacrylate	9.116	69	91291	19.281	ug/l	98
57) 1,3-Dichloropropane	9.305	76	103517	19.342	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	214797	89.095	ug/l	99
59) 2-Hexanone	9.427	43	322408	96.511	ug/l	99
60) Dibromochloromethane	9.519	129	53971	18.748	ug/l	100
61) 1,2-Dibromoethane	9.610	107	60141	19.138	ug/l	100
64) Tetrachloroethene	9.275	164	51574	18.469	ug/l	97
65) Chlorobenzene	10.079	112	157595	19.411	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	52776	18.905	ug/l	96
67) Ethyl Benzene	10.195	91	288808	19.637	ug/l	97
68) m/p-Xylenes	10.299	106	218428	38.879	ug/l	100
69) o-Xylene	10.640	106	109011	19.807	ug/l	99
70) Styrene	10.652	104	173634	19.763	ug/l	100
71) Bromoform	10.799	173	33285	17.530	ug/l #	99
73) Isopropylbenzene	10.963	105	274004	19.975	ug/l	100
74) N-amyl acetate	10.841	43	121807	19.750	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	89156	19.831	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	72700m	19.267	ug/l	
77) Bromobenzene	11.195	156	65535	19.281	ug/l	98
78) n-propylbenzene	11.305	91	317093	20.011	ug/l	100
79) 2-Chlorotoluene	11.366	91	198845	19.875	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	225873	19.694	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20296	16.120	ug/l #	84
82) 4-Chlorotoluene	11.451	91	226614	19.505	ug/l	99
83) tert-Butylbenzene	11.713	119	212766	19.756	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	231165	19.820	ug/l	99
85) sec-Butylbenzene	11.890	105	260770	19.903	ug/l	99
86) p-Isopropyltoluene	12.012	119	218563	20.005	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	122813	19.841	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	123143	19.048	ug/l	99
89) n-Butylbenzene	12.329	91	186516	19.540	ug/l	98
90) Hexachloroethane	12.536	117	32698	19.317	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	121754	19.640	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17774	18.940	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	70347	20.064	ug/l	99
94) Hexachlorobutadiene	13.725	225	27272	17.685	ug/l	97
95) Naphthalene	13.774	128	247065	19.831	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	69580	19.679	ug/l	99

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

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