

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034825.D
 Acq On : 29 Mar 2023 13:22
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032923

Manual Integrations
 APPROVED

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

Quant Time: Apr 01 01:15:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:03:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	310309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	520423	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	470886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	234898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	220951	46.558	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.120%		
35) Dibromofluoromethane	5.385	113	161682	46.971	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.940%		
50) Toluene-d8	8.647	98	611635	48.140	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.280%		
62) 4-Bromofluorobenzene	11.079	95	243296	49.484	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	140997	46.443	ug/l	100
3) Chloromethane	1.294	50	179356	46.262	ug/l	98
4) Vinyl Chloride	1.374	62	178837	46.848	ug/l	98
5) Bromomethane	1.617	94	121065	48.557	ug/l	97
6) Chloroethane	1.691	64	113238	44.651	ug/l	100
7) Trichlorofluoromethane	1.886	101	290038	47.056	ug/l	100
8) Diethyl Ether	2.130	74	102153	46.556	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	152719	46.943	ug/l	99
10) Methyl Iodide	2.453	142	192599	47.972	ug/l	96
11) Tert butyl alcohol	3.001	59	193973m	233.969	ug/l	
12) 1,1-Dichloroethene	2.319	96	147497	47.128	ug/l	95
13) Acrolein	2.239	56	196570	229.333	ug/l	100
14) Allyl chloride	2.666	41	290018	46.807	ug/l	95
15) Acrylonitrile	3.068	53	443182	239.299	ug/l	99
16) Acetone	2.392	43	426765	222.217	ug/l	99
17) Carbon Disulfide	2.514	76	381620	47.367	ug/l	98
18) Methyl Acetate	2.703	43	319078	47.039	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	543738	46.319	ug/l	99
20) Methylene Chloride	2.788	84	170784	44.436	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	163717	46.569	ug/l	98
22) Diisopropyl ether	3.757	45	586417	47.010	ug/l	98
23) Vinyl Acetate	3.721	43	2208540	248.241	ug/l	98
24) 1,1-Dichloroethane	3.611	63	312157	46.336	ug/l	99
25) 2-Butanone	4.562	43	667214	239.407	ug/l	98
26) 2,2-Dichloropropane	4.477	77	262166	47.613	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	190540	46.983	ug/l	98
28) Bromochloromethane	4.897	49	154217	46.504	ug/l	98
29) Tetrahydrofuran	5.007	42	416478	238.826	ug/l	100
30) Chloroform	5.092	83	322253	47.490	ug/l	97
31) Cyclohexane	5.470	56	285518	49.409	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	280555	48.467	ug/l	98
36) 1,1-Dichloropropene	5.696	75	243123	47.832	ug/l	99
37) Ethyl Acetate	4.715	43	255902	47.913	ug/l	100
38) Carbon Tetrachloride	5.678	117	236877	49.064	ug/l	96
39) Methylcyclohexane	7.379	83	265422	49.126	ug/l	97
40) Benzene	6.037	78	690101	47.130	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	144286	48.903	ug/l	98
42) 1,2-Dichloroethane	6.086	62	278112	48.601	ug/l	98
43) Isopropyl Acetate	6.336	43	438397	49.089	ug/l	99
44) Trichloroethene	7.129	130	180285	48.290	ug/l	99
45) 1,2-Dichloropropane	7.434	63	180470	47.992	ug/l	99
46) Dibromomethane	7.580	93	124108	48.146	ug/l	99
47) Bromodichloromethane	7.824	83	238897	49.920	ug/l	98
48) Methyl methacrylate	7.690	41	213603	49.443	ug/l	97
49) 1,4-Dioxane	7.720	88	83233	945.084	ug/l #	76
51) 4-Methyl-2-Pentanone	8.574	43	1297966	247.359	ug/l	98
52) Toluene	8.720	92	436764	46.441	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	273581	52.458	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	288520	50.353	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	174828	49.009	ug/l	98
56) Ethyl methacrylate	9.116	69	284481	50.957	ug/l	97
57) 1,3-Dichloropropane	9.311	76	305278	48.027	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	712680	248.370	ug/l	100
59) 2-Hexanone	9.433	43	995603	250.306	ug/l	99
60) Dibromochloromethane	9.519	129	178665	51.934	ug/l	99
61) 1,2-Dibromoethane	9.610	107	184093	49.608	ug/l	100
64) Tetrachloroethene	9.275	164	156284	46.489	ug/l	98
65) Chlorobenzene	10.079	112	463277	47.806	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	166655	49.038	ug/l	99
67) Ethyl Benzene	10.195	91	851463	48.137	ug/l	100
68) m/p-Xylenes	10.299	106	645382	96.414	ug/l	98
69) o-Xylene	10.640	106	319212	48.005	ug/l	98
70) Styrene	10.652	104	529922	49.958	ug/l	99
71) Bromoform	10.799	173	120240	53.018	ug/l #	100
73) Isopropylbenzene	10.963	105	824112	48.511	ug/l	99
74) N-amyl acetate	10.841	43	396706	50.862	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	266465	47.587	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	226226m	47.033	ug/l	
77) Bromobenzene	11.195	156	196055	47.195	ug/l	100
78) n-propylbenzene	11.305	91	959856	48.938	ug/l	99
79) 2-Chlorotoluene	11.366	91	594986	47.272	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	697941	48.746	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	79448	50.306	ug/l	91
82) 4-Chlorotoluene	11.451	91	698054	48.276	ug/l	99
83) tert-Butylbenzene	11.713	119	654281	49.269	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	704830	48.889	ug/l	98
85) sec-Butylbenzene	11.890	105	804663	48.995	ug/l	99
86) p-Isopropyltoluene	12.006	119	682658	50.055	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	374568	48.219	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	381111	47.460	ug/l	100
89) n-Butylbenzene	12.329	91	601423	50.585	ug/l	98
90) Hexachloroethane	12.536	117	112895	53.538	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	367430	47.814	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	61100	53.078	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	217511	48.978	ug/l	99
94) Hexachlorobutadiene	13.725	225	90673	45.599	ug/l	97
95) Naphthalene	13.774	128	764313	48.930	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	211847	47.707	ug/l	99

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

