

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042324\
 Data File : VX041215.D
 Acq On : 23 Apr 2024 15:07
 Operator : JC/MD
 Sample : VX0423MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/24/2024
 Supervised By : Mahesh Dadoda 04/24/2024

Quant Time: Apr 24 01:47:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	274983	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	344456	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	132906	50.774	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.540%			
35) Dibromofluoromethane	5.379	113	115879	55.305	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.600%			
50) Toluene-d8	8.647	98	399664	56.536	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 113.080%#			
62) 4-Bromofluorobenzene	11.079	95	154850	59.346	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	44504	20.462	ug/l	99
3) Chloromethane	1.301	50	41598	17.665	ug/l	96
4) Vinyl Chloride	1.374	62	45586	19.359	ug/l	98
5) Bromomethane	1.593	94	20665	15.586	ug/l	99
6) Chloroethane	1.666	64	14519	16.230	ug/l	97
7) Trichlorofluoromethane	1.861	101	74645	20.458	ug/l	100
8) Diethyl Ether	2.136	74	25456	18.958	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.313	101	40127	18.692	ug/l #	87
10) Methyl Iodide	2.441	142	19099	7.378	ug/l	90
11) Tert butyl alcohol	3.026	59	42244	90.082	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	36797	18.362	ug/l	84
13) Acrolein	2.239	56	46586	88.556	ug/l	99
14) Allyl chloride	2.654	41	59068	18.144	ug/l	94
15) Acrylonitrile	3.069	53	104687	87.362	ug/l	99
16) Acetone	2.392	43	99740	104.680	ug/l	98
17) Carbon Disulfide	2.502	76	74493	17.794	ug/l	98
18) Methyl Acetate	2.709	43	48842	17.329	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	124676	17.403	ug/l	100
20) Methylene Chloride	2.782	84	39014	16.766	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	36850	16.640	ug/l	88
22) Diisopropyl ether	3.764	45	144857	20.580	ug/l	90
23) Vinyl Acetate	3.721	43	659240	109.479	ug/l	97
24) 1,1-Dichloroethane	3.599	63	81482	20.709	ug/l	99
25) 2-Butanone	4.568	43	178176	109.498	ug/l	95
26) 2,2-Dichloropropane	4.471	77	68969	20.740	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	55550	20.237	ug/l	88
28) Bromochloromethane	4.897	49	28767	19.266	ug/l #	72
29) Tetrahydrofuran	5.013	42	108179	97.586	ug/l	94
30) Chloroform	5.086	83	83719	19.824	ug/l	93
31) Cyclohexane	5.458	56	70282	19.950	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	77604	20.498	ug/l	96
36) 1,1-Dichloropropene	5.684	75	55294	20.625	ug/l	95
37) Ethyl Acetate	4.721	43	69379	23.587	ug/l	99
38) Carbon Tetrachloride	5.666	117	66878	22.334	ug/l	98
39) Methylcyclohexane	7.373	83	72859	20.489	ug/l	93
40) Benzene	6.031	78	182205	22.006	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	35698	23.312	ug/l	94
42) 1,2-Dichloroethane	6.080	62	65809	22.923	ug/l	95
43) Isopropyl Acetate	6.342	43	108038	22.801	ug/l	97
44) Trichloroethene	7.123	130	47149	19.586	ug/l	87
45) 1,2-Dichloropropane	7.427	63	39394	19.844	ug/l	99
46) Dibromomethane	7.580	93	33799	22.832	ug/l #	76
47) Bromodichloromethane	7.818	83	63327	23.208	ug/l	96
48) Methyl methacrylate	7.696	41	52758	23.541	ug/l	93
49) 1,4-Dioxane	7.671	88	24247	502.657	ug/l #	86
51) 4-Methyl-2-Pentanone	8.580	43	357357	120.492	ug/l	98
52) Toluene	8.714	92	118881	22.786	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	61801	23.090	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	68261	22.435	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	48181	23.667	ug/l	96
56) Ethyl methacrylate	9.116	69	74584	23.965	ug/l	93
57) 1,3-Dichloropropane	9.305	76	77820	23.092	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	166043	109.620	ug/l	92
59) 2-Hexanone	9.433	43	280842	123.485	ug/l	95
60) Dibromochloromethane	9.519	129	53187	22.632	ug/l	100
61) 1,2-Dibromoethane	9.610	107	42662	19.532	ug/l	100
64) Tetrachloroethene	9.269	164	52392	22.611	ug/l	91
65) Chlorobenzene	10.079	112	128879	20.728	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	45175	21.212	ug/l	98
67) Ethyl Benzene	10.189	91	212466	21.412	ug/l	99
68) m/p-Xylenes	10.299	106	184366	46.027	ug/l	93
69) o-Xylene	10.640	106	90926	23.339	ug/l	93
70) Styrene	10.653	104	152251	24.022	ug/l	95
71) Bromoform	10.799	173	44611	24.501	ug/l #	99
73) Isopropylbenzene	10.963	105	239876	23.614	ug/l	97
74) N-amyl acetate	10.842	43	95673	23.965	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	76418	23.855	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	60275m	22.915	ug/l	
77) Bromobenzene	11.195	156	66805	22.599	ug/l	78
78) n-propylbenzene	11.305	91	261135	23.808	ug/l	96
79) 2-Chlorotoluene	11.366	91	160704	23.153	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	200962	23.780	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	19851	21.292	ug/l	99
82) 4-Chlorotoluene	11.451	91	181883	23.124	ug/l	93
83) tert-Butylbenzene	11.713	119	214350	23.686	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	200050	23.850	ug/l	93
85) sec-Butylbenzene	11.890	105	245698	23.511	ug/l	95
86) p-Isopropyltoluene	12.006	119	192751	20.930	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	105664	19.899	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	107843	19.794	ug/l	95
89) n-Butylbenzene	12.329	91	159821	22.856	ug/l	97
90) Hexachloroethane	12.536	117	30913	20.349	ug/l #	56
91) 1,2-Dichlorobenzene	12.335	146	114304	21.492	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14177	21.091	ug/l #	54
93) 1,2,4-Trichlorobenzene	13.585	180	89412	24.247	ug/l	95
94) Hexachlorobutadiene	13.725	225	46153	24.497	ug/l	99
95) Naphthalene	13.774	128	259013	24.447	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	91971	23.678	ug/l	95

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

