

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
 Data File : VX036945.D
 Acq On : 11 Aug 2023 16:51
 Operator : JC/MD
 Sample : VX0811MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811MBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

08/14/2023
 Supervised By :Mahesh
 Dadoda

08/15/2023

Quant Time: Aug 11 23:02:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	119424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210494	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91981	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	91175	51.597	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.200%	
35) Dibromofluoromethane	5.385	113	74829	51.720	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.440%	
50) Toluene-d8	8.647	98	237498	46.289	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.580%	
62) 4-Bromofluorobenzene	11.079	95	96269	49.732	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.460%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	30007	19.020	ug/l	97
3) Chloromethane	1.301	50	25457	17.741	ug/l	98
4) Vinyl Chloride	1.374	62	28027	19.184	ug/l	99
5) Bromomethane	1.599	94	13651	15.651	ug/l	96
6) Chloroethane	1.673	64	16209	22.821	ug/l	98
7) Trichlorofluoromethane	1.880	101	49231	21.821	ug/l	99
8) Diethyl Ether	2.136	74	19398	22.224	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	27215	20.078	ug/l	99
10) Methyl Iodide	2.447	142	31162	22.135	ug/l	96
11) Tert butyl alcohol	2.971	59	45251	108.168	ug/l #	91
12) 1,1-Dichloroethene	2.313	96	26018	19.456	ug/l	88
13) Acrolein	2.239	56	25496	106.791	ug/l	98
14) Allyl chloride	2.660	41	43349	16.462	ug/l #	95
15) Acrylonitrile	3.069	53	86369	102.661	ug/l	99
16) Acetone	2.386	43	75964	103.598	ug/l #	89
17) Carbon Disulfide	2.508	76	62116	16.830	ug/l	100
18) Methyl Acetate	2.703	43	63752	20.667	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	107056	21.304	ug/l	98
20) Methylene Chloride	2.788	84	32062	19.661	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	29619	19.818	ug/l	92
22) Diisopropyl ether	3.764	45	93799	18.761	ug/l #	90
23) Vinyl Acetate	3.721	43	365172	95.216	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	55472	19.789	ug/l	97
25) 2-Butanone	4.562	43	120748	101.497	ug/l	91
26) 2,2-Dichloropropane	4.477	77	40543	15.349	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	35730	20.128	ug/l	91
28) Bromochloromethane	4.898	49	27023	19.933	ug/l #	82
29) Tetrahydrofuran	5.007	42	76619	99.894	ug/l #	86
30) Chloroform	5.099	83	61595	21.477	ug/l	94
31) Cyclohexane	5.465	56	41861	17.110	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	53600	20.397	ug/l	98
36) 1,1-Dichloropropene	5.696	75	40492	18.777	ug/l	97
37) Ethyl Acetate	4.721	43	46743	19.151	ug/l #	95
38) Carbon Tetrachloride	5.678	117	44829	19.553	ug/l	98
39) Methylcyclohexane	7.379	83	44066	16.433	ug/l	94
40) Benzene	6.038	78	123003	19.605	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	24657	18.888	ug/l #	89
42) 1,2-Dichloroethane	6.092	62	49897	21.752	ug/l	96
43) Isopropyl Acetate	6.342	43	77086	18.347	ug/l #	94
44) Trichloroethene	7.123	130	33496	20.424	ug/l	97
45) 1,2-Dichloropropane	7.434	63	32264	19.260	ug/l	98
46) Dibromomethane	7.580	93	25130	21.435	ug/l	95
47) Bromodichloromethane	7.824	83	47978	19.937	ug/l	98
48) Methyl methacrylate	7.696	41	37110	18.992	ug/l #	89
49) 1,4-Dioxane	7.665	88	18299	463.584	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	233361	100.366	ug/l	94
52) Toluene	8.720	92	78721	20.024	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	49420	18.170	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	51494	17.942	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	33974	20.558	ug/l	96
56) Ethyl methacrylate	9.116	69	52862	19.644	ug/l	92
57) 1,3-Dichloropropane	9.311	76	57799	20.999	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	128449	96.876	ug/l	94
59) 2-Hexanone	9.433	43	176748	102.427	ug/l	92
60) Dibromochloromethane	9.519	129	35869	19.748	ug/l	100
61) 1,2-Dibromoethane	9.610	107	37092	21.657	ug/l	100
64) Tetrachloroethene	9.275	164	30523	22.048	ug/l	99
65) Chlorobenzene	10.080	112	84089	20.554	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	32695	20.676	ug/l	98
67) Ethyl Benzene	10.195	91	149063	19.945	ug/l	99
68) m/p-Xylenes	10.299	106	113698	40.773	ug/l	98
69) o-Xylene	10.640	106	56945	20.458	ug/l	98
70) Styrene	10.653	104	94369	20.549	ug/l	98
71) Bromoform	10.799	173	25376	19.824	ug/l #	99
73) Isopropylbenzene	10.964	105	145592	19.126	ug/l	99
74) N-amyl acetate	10.842	43	62958	17.736	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	51703	20.110	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	43755m	20.224	ug/l	
77) Bromobenzene	11.195	156	35392	20.416	ug/l	95
78) n-propylbenzene	11.305	91	162142	18.418	ug/l	99
79) 2-Chlorotoluene	11.366	91	103265	19.357	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	122562	19.246	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	14335	15.018	ug/l	92
82) 4-Chlorotoluene	11.451	91	117485	19.329	ug/l	99
83) tert-Butylbenzene	11.713	119	115482	18.459	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	123779	19.435	ug/l	98
85) sec-Butylbenzene	11.890	105	138555	17.759	ug/l	99
86) p-Isopropyltoluene	12.006	119	117414	18.289	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	64658	20.138	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	65257	20.480	ug/l	99
89) n-Butylbenzene	12.335	91	95451	16.609	ug/l	99
90) Hexachloroethane	12.536	117	20639	15.858	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	65143	21.025	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12141	20.321	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	37562	19.677	ug/l	98
94) Hexachlorobutadiene	13.725	225	14063	17.807	ug/l	98
95) Naphthalene	13.774	128	152670	22.951	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	38358	20.388	ug/l	98

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

