

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
 Data File : VX033948.D
 Acq On : 30 Jan 2023 15:51
 Operator : JC/MD
 Sample : VX0130MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130MBS01

Quant Time: Jan 31 04:47:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

01/31/2023
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	150465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213349	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101011	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	74683	47.141	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.280%
35) Dibromofluoromethane	5.385	113	70521	53.232	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.460%
50) Toluene-d8	8.647	98	245663	50.895	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.780%
62) 4-Bromofluorobenzene	11.079	95	90614	50.562	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.120%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	18548	15.599	ug/l	100
3) Chloromethane	1.295	50	23161	17.632	ug/l	97
4) Vinyl Chloride	1.374	62	23796	18.669	ug/l	98
5) Bromomethane	1.605	94	15100	20.618	ug/l	99
6) Chloroethane	1.691	64	14645	18.585	ug/l	98
7) Trichlorofluoromethane	1.892	101	34902	16.885	ug/l	99
8) Diethyl Ether	2.136	74	14339	21.186	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	22222	19.105	ug/l	92
10) Methyl Iodide	2.453	142	30398	18.188	ug/l	92
11) Tert butyl alcohol	2.953	59	22327	81.125	ug/l #	80
12) 1,1-Dichloroethene	2.319	96	21458	17.527	ug/l	92
13) Acrolein	2.233	56	30084	118.473	ug/l	99
14) Allyl chloride	2.666	41	38444	16.648	ug/l	89
15) Acrylonitrile	3.063	53	68667	94.804	ug/l	99
16) Acetone	2.374	43	58358	93.611	ug/l	97
17) Carbon Disulfide	2.514	76	42913	15.168	ug/l	97
18) Methyl Acetate	2.697	43	42976	19.438	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	73482	17.281	ug/l	99
20) Methylene Chloride	2.788	84	25565	16.900	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	23349	16.314	ug/l	98
22) Diisopropyl ether	3.758	45	81177	17.472	ug/l	98
23) Vinyl Acetate	3.721	43	300249	85.847	ug/l	99
24) 1,1-Dichloroethane	3.611	63	44316	17.434	ug/l	100
25) 2-Butanone	4.550	43	92208	89.079	ug/l	98
26) 2,2-Dichloropropane	4.477	77	28988	15.921	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	28584	17.371	ug/l	96
28) Bromochloromethane	4.898	49	19935	17.217	ug/l	93
29) Tetrahydrofuran	5.007	42	59228	90.784	ug/l	96
30) Chloroform	5.093	83	45496	17.475	ug/l	97
31) Cyclohexane	5.471	56	36696	15.741	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	38222	17.195	ug/l	98
36) 1,1-Dichloropropene	5.696	75	31733	16.413	ug/l	98
37) Ethyl Acetate	4.709	43	34783	16.966	ug/l	99
38) Carbon Tetrachloride	5.678	117	34084	17.021	ug/l	98
39) Methylcyclohexane	7.379	83	38144	15.975	ug/l	96
40) Benzene	6.038	78	98662	17.507	ug/l	99

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 Yesilyurt

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	20146	18.908	ug/l	96
42) 1,2-Dichloroethane	6.086	62	34686	17.368	ug/l	99
43) Isopropyl Acetate	6.336	43	54641	17.901	ug/l	98
44) Trichloroethene	7.129	130	28795	18.272	ug/l	92
45) 1,2-Dichloropropane	7.428	63	25528	18.083	ug/l	99
46) Dibromomethane	7.580	93	18059	18.314	ug/l	95
47) Bromodichloromethane	7.818	83	34033	17.909	ug/l	98
48) Methyl methacrylate	7.690	41	28155	18.311	ug/l	97
49) 1,4-Dioxane	7.665	88	12429	365.443	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	181803	96.983	ug/l	100
52) Toluene	8.720	92	64608	17.753	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	32706	17.209	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	37874	17.785	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	27865	19.343	ug/l	98
56) Ethyl methacrylate	9.116	69	38018	18.752	ug/l	99
57) 1,3-Dichloropropane	9.305	76	45242	19.368	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	88377	88.513	ug/l	99
59) 2-Hexanone	9.427	43	133631	102.420	ug/l	99
60) Dibromochloromethane	9.519	129	29263	19.593	ug/l	98
61) 1,2-Dibromoethane	9.610	107	28203	19.617	ug/l	98
64) Tetrachloroethene	9.275	164	25935	18.568	ug/l	97
65) Chlorobenzene	10.080	112	72523	18.568	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	27787	19.332	ug/l	99
67) Ethyl Benzene	10.195	91	122209	18.224	ug/l	100
68) m/p-Xylenes	10.299	106	96529	36.802	ug/l	99
69) o-Xylene	10.640	106	48156	18.513	ug/l	99
70) Styrene	10.653	104	80828	19.106	ug/l	99
71) Bromoform	10.799	173	22635	18.792	ug/l #	100
73) Isopropylbenzene	10.964	105	126087	17.327	ug/l	99
74) N-amyl acetate	10.842	43	45813	17.272	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	40868	18.938	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	36152m	19.479	ug/l	
77) Bromobenzene	11.195	156	34574	17.809	ug/l	98
78) n-propylbenzene	11.305	91	137156	16.640	ug/l	99
79) 2-Chlorotoluene	11.366	91	83821	16.849	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	103754	17.070	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	9938	16.642	ug/l	95
82) 4-Chlorotoluene	11.451	91	95962	16.857	ug/l	99
83) tert-Butylbenzene	11.713	119	108529	17.983	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	104064	18.099	ug/l	99
85) sec-Butylbenzene	11.890	105	128763	17.838	ug/l	99
86) p-Isopropyltoluene	12.006	119	112860	18.262	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	61903	18.137	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	63803	18.351	ug/l	99
89) n-Butylbenzene	12.329	91	86360	17.081	ug/l	99
90) Hexachloroethane	12.536	117	17516	17.230	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	62233	18.896	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7759	18.824	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	42005	18.934	ug/l	100
94) Hexachlorobutadiene	13.725	225	19795	18.215	ug/l	99
95) Naphthalene	13.774	128	126273	19.784	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	43281	19.497	ug/l	99

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

