

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042923\
 Data File : VX035420.D
 Acq On : 29 Apr 2023 13:48
 Operator : JC/MD
 Sample : VX0429MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429MBS01

Quant Time: May 01 04:28:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	238234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	371668	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	129825	45.170	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.340%		
35) Dibromofluoromethane	5.385	113	108184	47.424	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.840%		
50) Toluene-d8	8.647	98	401698	46.680	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.360%		
62) 4-Bromofluorobenzene	11.079	95	152556	47.126	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	43432	17.229	ug/l	99
3) Chloromethane	1.294	50	35678	15.558	ug/l	99
4) Vinyl Chloride	1.374	62	36479	15.860	ug/l	97
5) Bromomethane	1.617	94	25169	16.465	ug/l	98
6) Chloroethane	1.691	64	22172	16.483	ug/l	96
7) Trichlorofluoromethane	1.892	101	62490	17.374	ug/l	100
8) Diethyl Ether	2.136	74	21405	16.322	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	41046	17.086	ug/l	97
10) Methyl Iodide	2.453	142	46968	15.492	ug/l	98
11) Tert butyl alcohol	3.014	59	41809m	79.891	ug/l	
12) 1,1-Dichloroethene	2.319	96	38723	16.735	ug/l	99
13) Acrolein	2.239	56	44186	85.856	ug/l	100
14) Allyl chloride	2.666	41	65334	16.045	ug/l	98
15) Acrylonitrile	3.068	53	105385	80.515	ug/l	99
16) Acetone	2.398	43	100111	80.198	ug/l	95
17) Carbon Disulfide	2.514	76	88115	15.886	ug/l	98
18) Methyl Acetate	2.709	43	80302	16.636	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	139063	17.518	ug/l	95
20) Methylene Chloride	2.788	84	44933	15.698	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	42167	16.779	ug/l	98
22) Diisopropyl ether	3.757	45	136963	16.998	ug/l	97
23) Vinyl Acetate	3.721	43	472704	85.346	ug/l	97
24) 1,1-Dichloroethane	3.611	63	78202	17.230	ug/l	98
25) 2-Butanone	4.568	43	141515	77.670	ug/l	96
26) 2,2-Dichloropropane	4.471	77	62680	17.627	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	49359	16.710	ug/l	95
28) Bromochloromethane	4.897	49	34877	18.032	ug/l #	81
29) Tetrahydrofuran	5.013	42	88959	76.164	ug/l	94
30) Chloroform	5.099	83	81285	17.740	ug/l	97
31) Cyclohexane	5.470	56	67206	16.484	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	70121	17.463	ug/l	97
36) 1,1-Dichloropropene	5.690	75	59960	16.833	ug/l	99
37) Ethyl Acetate	4.714	43	53923	16.575	ug/l	94
38) Carbon Tetrachloride	5.678	117	60891	18.008	ug/l	99
39) Methylcyclohexane	7.379	83	71752	16.549	ug/l	100
40) Benzene	6.037	78	177812	17.402	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	32082	17.210	ug/l	97
42) 1,2-Dichloroethane	6.086	62	63308	17.377	ug/l	96
43) Isopropyl Acetate	6.342	43	91421	16.724	ug/l	95
44) Trichloroethene	7.123	130	48682	17.295	ug/l	99
45) 1,2-Dichloropropane	7.427	63	45129	17.518	ug/l	97
46) Dibromomethane	7.580	93	31103	17.582	ug/l	92
47) Bromodichloromethane	7.818	83	57245	17.563	ug/l	99
48) Methyl methacrylate	7.696	41	45719	17.050	ug/l	93
49) 1,4-Dioxane	7.714	88	20534	314.160	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	278945	83.058	ug/l	96
52) Toluene	8.720	92	113416	17.511	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	61381	18.033	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	70402	18.299	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	45041	17.444	ug/l	96
56) Ethyl methacrylate	9.116	69	66917	17.398	ug/l	90
57) 1,3-Dichloropropane	9.311	76	74934	16.967	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	178676	92.904	ug/l	95
59) 2-Hexanone	9.427	43	209326	82.967	ug/l	95
60) Dibromochloromethane	9.518	129	44696	18.067	ug/l	100
61) 1,2-Dibromoethane	9.610	107	46767	17.570	ug/l	98
64) Tetrachloroethene	9.275	164	43712	17.428	ug/l	98
65) Chlorobenzene	10.079	112	122158	17.237	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	44976	18.235	ug/l	99
67) Ethyl Benzene	10.195	91	218547	17.807	ug/l	99
68) m/p-Xylenes	10.299	106	168264	35.780	ug/l	98
69) o-Xylene	10.640	106	81973	17.776	ug/l	100
70) Styrene	10.652	104	135024	18.058	ug/l	98
71) Bromoform	10.799	173	29686	17.304	ug/l #	99
73) Isopropylbenzene	10.963	105	218111	18.568	ug/l	100
74) N-amyl acetate	10.841	43	76048	17.228	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	64276	17.630	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	53138m	16.578	ug/l	
77) Bromobenzene	11.195	156	52717	18.055	ug/l	91
78) n-propylbenzene	11.305	91	243019	18.014	ug/l	99
79) 2-Chlorotoluene	11.366	91	149177	17.696	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	183884	18.566	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	16140	16.308	ug/l	98
82) 4-Chlorotoluene	11.451	91	170394	17.997	ug/l	98
83) tert-Butylbenzene	11.713	119	180696	18.183	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	182049	18.293	ug/l	100
85) sec-Butylbenzene	11.890	105	216892	17.793	ug/l	100
86) p-Isopropyltoluene	12.006	119	184468	17.793	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	99583	17.946	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	98025	16.849	ug/l	99
89) n-Butylbenzene	12.329	91	147365	16.838	ug/l	99
90) Hexachloroethane	12.536	117	27326	17.218	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	99187	17.872	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12684	17.350	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	60349	17.299	ug/l	100
94) Hexachlorobutadiene	13.725	225	26801	17.505	ug/l	98
95) Naphthalene	13.774	128	198315	18.466	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	59072	16.821	ug/l	98

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

