

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035435.D
 Acq On : 01 May 2023 13:11
 Operator : JC/MD
 Sample : VX0501MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2023
 Supervised By : Mahesh Dadoda 05/03/2023

Quant Time: May 01 23:58:06 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	249487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	390823	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	347407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	143599	47.709	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.420%		
35) Dibromofluoromethane	5.385	113	118592	49.439	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.880%		
50) Toluene-d8	8.647	98	427956	47.294	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.580%		
62) 4-Bromofluorobenzene	11.079	95	166797	49.000	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46868	17.754	ug/l	99
3) Chloromethane	1.294	50	38012	15.828	ug/l	98
4) Vinyl Chloride	1.374	62	39950	16.586	ug/l	97
5) Bromomethane	1.617	94	25648	16.021	ug/l	98
6) Chloroethane	1.691	64	23740	16.852	ug/l	96
7) Trichlorofluoromethane	1.892	101	67274	17.861	ug/l	98
8) Diethyl Ether	2.130	74	24502	17.841	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	44545	17.707	ug/l	93
10) Methyl Iodide	2.453	142	44867	14.131	ug/l	97
11) Tert butyl alcohol	2.995	59	55703m	101.640	ug/l	
12) 1,1-Dichloroethene	2.319	96	40980	16.912	ug/l	98
13) Acrolein	2.239	56	49249	91.377	ug/l	99
14) Allyl chloride	2.666	41	72349	16.966	ug/l	97
15) Acrylonitrile	3.068	53	130800	95.425	ug/l	99
16) Acetone	2.386	43	121934	93.275	ug/l	99
17) Carbon Disulfide	2.514	76	95984	16.524	ug/l	98
18) Methyl Acetate	2.703	43	97083	19.205	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	159937	19.239	ug/l	96
20) Methylene Chloride	2.788	84	51395	17.146	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	46266	17.580	ug/l	97
22) Diisopropyl ether	3.757	45	153077	18.140	ug/l	98
23) Vinyl Acetate	3.721	43	554885	95.665	ug/l	98
24) 1,1-Dichloroethane	3.611	63	85445	17.977	ug/l	99
25) 2-Butanone	4.556	43	177863	93.216	ug/l	94
26) 2,2-Dichloropropane	4.471	77	68954	18.517	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	55539	17.954	ug/l	94
28) Bromochloromethane	4.897	49	39674	19.587	ug/l	84
29) Tetrahydrofuran	5.007	42	111740	91.353	ug/l	94
30) Chloroform	5.092	83	89570	18.667	ug/l	99
31) Cyclohexane	5.470	56	73729	17.268	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	76830	18.270	ug/l	97
36) 1,1-Dichloropropene	5.690	75	64786	17.297	ug/l	98
37) Ethyl Acetate	4.708	43	65315	19.093	ug/l #	94
38) Carbon Tetrachloride	5.678	117	66166	18.609	ug/l	97
39) Methylcyclohexane	7.379	83	80122	17.574	ug/l	98
40) Benzene	6.037	78	192716	17.936	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	36950	18.850	ug/l	94
42) 1,2-Dichloroethane	6.086	62	72603	18.952	ug/l	97
43) Isopropyl Acetate	6.336	43	111091	19.326	ug/l	94
44) Trichloroethene	7.123	130	54034	18.255	ug/l	96
45) 1,2-Dichloropropane	7.427	63	50329	18.579	ug/l	99
46) Dibromomethane	7.580	93	35812	19.252	ug/l	92
47) Bromodichloromethane	7.824	83	66677	19.454	ug/l	98
48) Methyl methacrylate	7.690	41	54949	19.488	ug/l	91
49) 1,4-Dioxane	7.702	88	27050	393.568	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	343044	97.138	ug/l	96
52) Toluene	8.720	92	126095	18.514	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	72085	20.139	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	79300	19.601	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	52341	19.278	ug/l	98
56) Ethyl methacrylate	9.116	69	80374	19.872	ug/l	89
57) 1,3-Dichloropropane	9.305	76	88534	19.064	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	176583	87.316	ug/l	96
59) 2-Hexanone	9.427	43	262636	98.994	ug/l	94
60) Dibromochloromethane	9.518	129	52529	20.193	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55899	19.971	ug/l	97
64) Tetrachloroethene	9.275	164	48887	18.378	ug/l	98
65) Chlorobenzene	10.079	112	138183	18.385	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	50744	19.399	ug/l	99
67) Ethyl Benzene	10.195	91	243370	18.697	ug/l	100
68) m/p-Xylenes	10.299	106	187175	37.528	ug/l	100
69) o-Xylene	10.640	106	93899	19.199	ug/l	98
70) Styrene	10.659	104	153298	19.331	ug/l	97
71) Bromoform	10.799	173	36833	20.244	ug/l #	99
73) Isopropylbenzene	10.963	105	242164	19.009	ug/l	99
74) N-amyl acetate	10.841	43	94362	19.710	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	78044	19.737	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	64139m	18.449	ug/l	
77) Bromobenzene	11.195	156	60901	19.231	ug/l	90
78) n-propylbenzene	11.305	91	274897	18.788	ug/l	99
79) 2-Chlorotoluene	11.366	91	168210	18.398	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	209278	19.482	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	18997	17.698	ug/l	95
82) 4-Chlorotoluene	11.451	91	194815	18.971	ug/l	97
83) tert-Butylbenzene	11.713	119	207341	19.237	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	206204	19.105	ug/l	99
85) sec-Butylbenzene	11.890	105	244777	18.515	ug/l	100
86) p-Isopropyltoluene	12.012	119	212104	18.863	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	114159	18.969	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	114615	18.164	ug/l	99
89) n-Butylbenzene	12.335	91	167785	17.676	ug/l	99
90) Hexachloroethane	12.536	117	31170	18.109	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	112617	18.710	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15864	20.008	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	71416	18.876	ug/l	99
94) Hexachlorobutadiene	13.725	225	29694	17.883	ug/l	98
95) Naphthalene	13.774	128	241229	20.711	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	72077	18.924	ug/l	98

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

