

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033384.D
 Acq On : 13 Dec 2022 12:03
 Operator : JC/MD
 Sample : VX1213MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2022
 Supervised By : Mahesh Dadoda 12/14/2022

Quant Time: Dec 14 05:35:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	138346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214920	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	39900	44.956	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.920%		
35) Dibromofluoromethane	5.385	113	46578	48.184	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.360%		
50) Toluene-d8	8.647	98	98603	48.760	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.520%		
62) 4-Bromofluorobenzene	11.079	95	79263	51.262	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	17699	18.314	ug/l	93
3) Chloromethane	1.295	50	17998	16.107	ug/l	98
4) Vinyl Chloride	1.374	62	20768	16.278	ug/l	94
5) Bromomethane	1.618	94	15061	16.086	ug/l	98
6) Chloroethane	1.691	64	15622	16.143	ug/l	99
7) Trichlorofluoromethane	1.892	101	39538	16.507	ug/l	96
8) Diethyl Ether	2.130	74	10353	11.967	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	17470	13.749	ug/l	98
10) Methyl Iodide	2.453	142	21814	15.675	ug/l	98
11) Tert butyl alcohol	3.008	59	23714m	87.393	ug/l	
12) 1,1-Dichloroethene	2.319	96	15654	12.481	ug/l	98
13) Acrolein	2.239	56	19659	66.801	ug/l	100
14) Allyl chloride	2.666	41	33733	16.842	ug/l	97
15) Acrylonitrile	3.069	53	55343	82.335	ug/l	99
16) Acetone	2.398	43	50061	76.225	ug/l	99
17) Carbon Disulfide	2.514	76	54854	17.040	ug/l	100
18) Methyl Acetate	2.709	43	31890	16.774	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	78159	17.991	ug/l	99
20) Methylene Chloride	2.788	84	25158	17.176	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	24245	17.671	ug/l	96
22) Diisopropyl ether	3.757	45	75036	17.486	ug/l #	87
23) Vinyl Acetate	3.721	43	286930	86.145	ug/l	98
24) 1,1-Dichloroethane	3.611	63	42946	17.033	ug/l	98
25) 2-Butanone	4.562	43	78262	83.018	ug/l	98
26) 2,2-Dichloropropane	4.477	77	34189	18.438	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	29167	17.788	ug/l	97
28) Bromochloromethane	4.898	49	20361	19.291	ug/l	93
29) Tetrahydrofuran	5.007	42	48763	79.836	ug/l	97
30) Chloroform	5.093	83	50284	17.964	ug/l	99
31) Cyclohexane	5.471	56	37967	18.000	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	44552	18.499	ug/l	98
36) 1,1-Dichloropropene	5.690	75	34665	18.393	ug/l	98
37) Ethyl Acetate	4.715	43	29894	16.780	ug/l	100
38) Carbon Tetrachloride	5.678	117	40558	19.207	ug/l	93
39) Methylcyclohexane	7.379	83	41246	19.552	ug/l	98
40) Benzene	6.038	78	102005	18.563	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17525	17.851	ug/l	95
42) 1,2-Dichloroethane	6.086	62	40661	18.634	ug/l	99
43) Isopropyl Acetate	6.336	43	49285	17.193	ug/l	97
44) Trichloroethene	7.123	130	28565	18.854	ug/l	96
45) 1,2-Dichloropropane	7.428	63	25122	17.876	ug/l	97
46) Dibromomethane	7.580	93	19290	18.019	ug/l	95
47) Bromodichloromethane	7.818	83	39176	18.773	ug/l	97
48) Methyl methacrylate	7.690	41	24942	16.859	ug/l	93
49) 1,4-Dioxane	7.720	88	12278	363.947	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	157052	86.637	ug/l	97
52) Toluene	8.720	92	67765	19.073	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	37093	18.222	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	41672	18.766	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	27863	18.656	ug/l	98
56) Ethyl methacrylate	9.116	69	38061	18.100	ug/l	93
57) 1,3-Dichloropropane	9.305	76	44324	18.475	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	82052	85.280	ug/l	98
59) 2-Hexanone	9.427	43	118349	88.593	ug/l	96
60) Dibromochloromethane	9.519	129	30734	18.678	ug/l	99
61) 1,2-Dibromoethane	9.610	107	29311	18.451	ug/l	99
64) Tetrachloroethene	9.275	164	26173	19.514	ug/l	93
65) Chlorobenzene	10.080	112	75020	18.888	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	28958	19.292	ug/l	99
67) Ethyl Benzene	10.195	91	133559	19.301	ug/l	100
68) m/p-Xylenes	10.299	106	105074	39.029	ug/l	98
69) o-Xylene	10.640	106	51282	19.271	ug/l	98
70) Styrene	10.653	104	84764	19.449	ug/l	98
71) Bromoform	10.799	173	22010	18.525	ug/l #	100
73) Isopropylbenzene	10.964	105	136242	19.122	ug/l	99
74) N-amyl acetate	10.842	43	42943	17.666	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	40307	17.832	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	36432m	18.217	ug/l	
77) Bromobenzene	11.201	156	33249	18.480	ug/l	99
78) n-propylbenzene	11.305	91	155492	19.545	ug/l	99
79) 2-Chlorotoluene	11.366	91	92843	18.884	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	114536	19.312	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10112	15.728	ug/l	96
82) 4-Chlorotoluene	11.451	91	106820	18.685	ug/l	98
83) tert-Butylbenzene	11.713	119	113413	19.177	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	113495	19.171	ug/l	99
85) sec-Butylbenzene	11.890	105	134865	19.545	ug/l	99
86) p-Isopropyltoluene	12.012	119	116167	19.527	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	62357	19.133	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	63783	19.160	ug/l	100
89) n-Butylbenzene	12.335	91	96283	19.760	ug/l	99
90) Hexachloroethane	12.536	117	18337	18.134	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	61554	18.891	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8086	16.562	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	37317	18.963	ug/l	98
94) Hexachlorobutadiene	13.725	225	16119	20.455	ug/l	100
95) Naphthalene	13.774	128	121663	18.535	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	37213	18.671	ug/l	98

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

