

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
 Data File : VX032332.D
 Acq On : 24 Oct 2022 12:03
 Operator : JC/MD
 Sample : VX1024MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024MBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/26/2022

Quant Time: Oct 25 03:25:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	116245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75698	50.057	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.120%			
35) Dibromofluoromethane	5.385	113	61540	49.167	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.340%			
50) Toluene-d8	8.647	98	211511	46.945	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.880%			
62) 4-Bromofluorobenzene	11.079	95	81567	49.439	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19693	18.517	ug/l	97
3) Chloromethane	1.294	50	18152	16.354	ug/l	94
4) Vinyl Chloride	1.374	62	20411	17.820	ug/l	98
5) Bromomethane	1.611	94	19330	16.119	ug/l	91
6) Chloroethane	1.685	64	15866	15.694	ug/l	99
7) Trichlorofluoromethane	1.886	101	40486	19.883	ug/l	99
8) Diethyl Ether	2.130	74	14309	20.679	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	21507	19.483	ug/l	98
10) Methyl Iodide	2.453	142	19946	12.503	ug/l	97
11) Tert butyl alcohol	2.977	59	21883	87.765	ug/l	97
12) 1,1-Dichloroethene	2.319	96	19182	18.487	ug/l	99
13) Acrolein	2.233	56	24709	134.224	ug/l	99
14) Allyl chloride	2.660	41	33052	20.282	ug/l	99
15) Acrylonitrile	3.068	53	57587	101.536	ug/l	99
16) Acetone	2.386	43	50644	103.198	ug/l	100
17) Carbon Disulfide	2.514	76	46396	19.100	ug/l	99
18) Methyl Acetate	2.703	43	34808	20.892	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	74085	20.721	ug/l	98
20) Methylene Chloride	2.788	84	23075	18.312	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	20960	18.547	ug/l	94
22) Diisopropyl ether	3.757	45	70267	19.691	ug/l	98
23) Vinyl Acetate	3.721	43	284408	99.716	ug/l	98
24) 1,1-Dichloroethane	3.611	63	39974	19.387	ug/l	97
25) 2-Butanone	4.562	43	79081	103.213	ug/l	95
26) 2,2-Dichloropropane	4.477	77	32862	22.121	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	26148	19.762	ug/l	99
28) Bromochloromethane	4.897	49	15747	18.511	ug/l	99
29) Tetrahydrofuran	5.007	42	50333	101.711	ug/l	99
30) Chloroform	5.092	83	45099	20.096	ug/l	98
31) Cyclohexane	5.470	56	31762	18.372	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	40516	21.171	ug/l	99
36) 1,1-Dichloropropene	5.690	75	30464	18.921	ug/l	99
37) Ethyl Acetate	4.714	43	30639	19.436	ug/l	100
38) Carbon Tetrachloride	5.684	117	37163	21.865	ug/l	98
39) Methylcyclohexane	7.385	83	36097	18.767	ug/l	96
40) Benzene	6.037	78	88354	18.934	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17790	21.401	ug/l	99
42) 1,2-Dichloroethane	6.086	62	37264	20.848	ug/l	99
43) Isopropyl Acetate	6.342	43	52530	21.231	ug/l	99
44) Trichloroethene	7.129	130	25132	19.558	ug/l	97
45) 1,2-Dichloropropane	7.427	63	23344	19.830	ug/l	99
46) Dibromomethane	7.580	93	18166	20.690	ug/l	99
47) Bromodichloromethane	7.824	83	37136	22.896	ug/l	100
48) Methyl methacrylate	7.696	41	25815	20.921	ug/l	99
49) 1,4-Dioxane	7.683	88	10443	421.698	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	166084	107.084	ug/l	100
52) Toluene	8.720	92	58063	19.208	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	36536	21.082	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	38480	21.292	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	25195	20.517	ug/l	99
56) Ethyl methacrylate	9.116	69	35523	20.085	ug/l	100
57) 1,3-Dichloropropane	9.311	76	40963	20.594	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	77051	95.048	ug/l	99
59) 2-Hexanone	9.433	43	124041	107.183	ug/l	99
60) Dibromochloromethane	9.518	129	29079	23.105	ug/l	98
61) 1,2-Dibromoethane	9.610	107	26323	20.221	ug/l	100
64) Tetrachloroethene	9.275	164	20736	19.179	ug/l	98
65) Chlorobenzene	10.079	112	64441	19.197	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	25450	21.188	ug/l	97
67) Ethyl Benzene	10.195	91	115416	19.420	ug/l	100
68) m/p-Xylenes	10.299	106	88094	37.534	ug/l	97
69) o-Xylene	10.640	106	43479	19.337	ug/l	100
70) Styrene	10.659	104	72448	19.107	ug/l	99
71) Bromoform	10.799	173	22233	23.024	ug/l #	99
73) Isopropylbenzene	10.963	105	118825	19.870	ug/l	99
74) N-amyl acetate	10.841	43	44545	20.163	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	39315	20.449	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	34578m	20.823	ug/l	
77) Bromobenzene	11.201	156	28653	19.548	ug/l	99
78) n-propylbenzene	11.305	91	135538	19.794	ug/l	100
79) 2-Chlorotoluene	11.366	91	80576	19.525	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	100967	19.547	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11294	22.961	ug/l	98
82) 4-Chlorotoluene	11.457	91	93697	19.501	ug/l	100
83) tert-Butylbenzene	11.719	119	103100	19.949	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	100351	19.983	ug/l	100
85) sec-Butylbenzene	11.890	105	123665	19.800	ug/l	100
86) p-Isopropyltoluene	12.012	119	105229	19.801	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	55446	19.653	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	55711	19.223	ug/l	98
89) n-Butylbenzene	12.335	91	91449	19.537	ug/l	99
90) Hexachloroethane	12.536	117	19210	23.295	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	54356	19.626	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8822	24.018	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	36168	20.059	ug/l	100
94) Hexachlorobutadiene	13.725	225	15139	19.346	ug/l	98
95) Naphthalene	13.774	128	119087	20.622	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	35813	19.748	ug/l	99

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

