

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032721.D
 Acq On : 10 Nov 2022 12:28
 Operator : JC/MD
 Sample : VX1110MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1110MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2022
 Supervised By : Mahesh Dadoda 11/11/2022

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 Dadoda
 11/11/2022

Quant Time: Nov 10 12:56:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards							
1) Pentafluorobenzene	5.556	168	104974	50.000	ug/l	0.00	
34) 1,4-Difluorobenzene	6.763	114	163464	50.000	ug/l	0.00	
63) Chlorobenzene-d5	10.055	117	147740	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	12.024	152	76542	50.000	ug/l	0.00	
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.958	65	73130	50.138	ug/l	0.00	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.280%	
35) Dibromofluoromethane	5.385	113	60163	51.598	ug/l	0.00	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.200%	
50) Toluene-d8	8.647	98	197129	48.620	ug/l	0.00	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.240%	
62) 4-Bromofluorobenzene	11.079	95	81764	51.626	ug/l	0.00	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.260%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	1.166	85	22287	18.408	ug/l	98	
3) Chloromethane	1.294	50	18005	17.585	ug/l	99	
4) Vinyl Chloride	1.374	62	20699	18.369	ug/l	97	
5) Bromomethane	1.611	94	18633	20.691	ug/l	94	
6) Chloroethane	1.685	64	14697	19.441	ug/l	95	
7) Trichlorofluoromethane	1.886	101	40980	19.193	ug/l	98	
8) Diethyl Ether	2.130	74	13987	20.215	ug/l	96	
9) 1,1,2-Trichlorotrifluo...	2.331	101	23049	20.453	ug/l	98	
10) Methyl Iodide	2.453	142	19968	17.236	ug/l	99	
11) Tert butyl alcohol	2.977	59	19560	92.136	ug/l	99	
12) 1,1-Dichloroethene	2.319	96	19866	18.871	ug/l	89	
13) Acrolein	2.239	56	14863	70.130	ug/l	100	
14) Allyl chloride	2.666	41	32135	19.149	ug/l	99	
15) Acrylonitrile	3.062	53	53361	92.616	ug/l	99	
16) Acetone	2.386	43	51348	96.859	ug/l	100	
17) Carbon Disulfide	2.514	76	39288	15.668	ug/l	97	
18) Methyl Acetate	2.703	43	36196	20.996	ug/l	99	
19) Methyl tert-butyl Ether	3.111	73	74816	20.220	ug/l	99	
20) Methylene Chloride	2.788	84	24170	19.885	ug/l	95	
21) trans-1,2-Dichloroethene	3.093	96	21070	18.387	ug/l	92	
22) Diisopropyl ether	3.757	45	72020	19.841	ug/l	# 84	
23) Vinyl Acetate	3.721	43	281019	95.825	ug/l	99	
24) 1,1-Dichloroethane	3.611	63	42609	20.408	ug/l	99	
25) 2-Butanone	4.562	43	75942	92.463	ug/l	98	
26) 2,2-Dichloropropane	4.483	77	35063	21.126	ug/l	99	
27) cis-1,2-Dichloroethene	4.489	96	26726	20.177	ug/l	99	
28) Bromochloromethane	4.903	49	12911	17.361	ug/l	# 98	
29) Tetrahydrofuran	5.007	42	47621	90.928	ug/l	99	
30) Chloroform	5.092	83	46742	20.402	ug/l	100	
31) Cyclohexane	5.470	56	32955	18.634	ug/l	98	
32) 1,1,1-Trichloroethane	5.385	97	41611	20.240	ug/l	99	
36) 1,1-Dichloropropene	5.696	75	31809	19.590	ug/l	99	
37) Ethyl Acetate	4.714	43	29945	17.717	ug/l	99	
38) Carbon Tetrachloride	5.678	117	35367	19.638	ug/l	98	
39) Methylcyclohexane	7.385	83	36303	18.897	ug/l	96	
40) Benzene	6.043	78	91915	20.004	ug/l	100	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16960	19.698	ug/l	98
42) 1,2-Dichloroethane	6.086	62	39381	20.967	ug/l	100
43) Isopropyl Acetate	6.342	43	50722	19.546	ug/l	99
44) Trichloroethene	7.129	130	25359	19.605	ug/l	96
45) 1,2-Dichloropropane	7.433	63	24212	20.527	ug/l	99
46) Dibromomethane	7.580	93	18517	20.470	ug/l	100
47) Bromodichloromethane	7.824	83	34295	20.004	ug/l	99
48) Methyl methacrylate	7.696	41	26381	19.684	ug/l	98
49) 1,4-Dioxane	7.683	88	9071	355.144	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	160366	98.109	ug/l	99
52) Toluene	8.720	92	60476	20.173	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	34744	19.863	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	37701	20.151	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	26122	20.691	ug/l	98
56) Ethyl methacrylate	9.116	69	36268	19.962	ug/l	97
57) 1,3-Dichloropropane	9.311	76	42464	20.828	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	91826	104.965	ug/l	100
59) 2-Hexanone	9.433	43	118839	97.982	ug/l	98
60) Dibromochloromethane	9.525	129	26536	19.243	ug/l	99
61) 1,2-Dibromoethane	9.610	107	26641	19.915	ug/l	99
64) Tetrachloroethene	9.275	164	21925	20.276	ug/l	96
65) Chlorobenzene	10.079	112	67273	20.328	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	25691	20.626	ug/l	98
67) Ethyl Benzene	10.195	91	120158	20.304	ug/l	99
68) m/p-Xylenes	10.299	106	92391	40.204	ug/l	99
69) o-Xylene	10.640	106	46268	20.708	ug/l	99
70) Styrene	10.659	104	74809	20.146	ug/l	99
71) Bromoform	10.799	173	18089	18.369	ug/l #	100
73) Isopropylbenzene	10.963	105	122782	20.243	ug/l	99
74) N-amyl acetate	10.841	43	45444	19.830	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	38632	19.843	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	34953m	20.526	ug/l	
77) Bromobenzene	11.201	156	30420	20.458	ug/l	99
78) n-propylbenzene	11.305	91	141648	20.270	ug/l	99
79) 2-Chlorotoluene	11.366	91	85275	20.376	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	106173	20.482	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	9466	17.688	ug/l	93
82) 4-Chlorotoluene	11.457	91	99711	20.362	ug/l	99
83) tert-Butylbenzene	11.713	119	106109	20.503	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	105848	20.530	ug/l	98
85) sec-Butylbenzene	11.890	105	125104	20.090	ug/l	99
86) p-Isopropyltoluene	12.012	119	106124	20.084	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	56921	20.293	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	57763	19.850	ug/l	99
89) n-Butylbenzene	12.335	91	89257	19.416	ug/l	99
90) Hexachloroethane	12.536	117	16302	18.888	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	57614	20.831	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7700	18.038	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	34682	19.232	ug/l	99
94) Hexachlorobutadiene	13.725	225	14479	19.224	ug/l	98
95) Naphthalene	13.774	128	115689	19.253	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	34904	19.040	ug/l	99

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

