

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031355.D
 Acq On : 15 Sep 2022 15:48
 Operator : JC/MD
 Sample : VX0915MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915MBS01

Quant Time: Sep 16 04:53:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	66653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	106147	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71118	43.470	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.940%
35) Dibromofluoromethane	5.385	113	57903	50.747	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.500%
50) Toluene-d8	8.653	98	217850	50.899	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.800%
62) 4-Bromofluorobenzene	11.079	95	73545	46.924	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.840%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	13082	18.177	ug/l	92
3) Chloromethane	1.288	50	20049	19.355	ug/l	99
4) Vinyl Chloride	1.374	62	24047	20.649	ug/l	97
5) Bromomethane	1.611	94	36264	41.524	ug/l	95
6) Chloroethane	1.685	64	22412	24.261	ug/l	99
7) Trichlorofluoromethane	1.886	101	62447	29.252	ug/l	99
8) Diethyl Ether	2.136	74	22409	23.702	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	19722	19.537	ug/l	93
10) Methyl Iodide	2.453	142	21112	20.153	ug/l	99
11) Tert butyl alcohol	2.983	59	33426	74.402	ug/l	100
12) 1,1-Dichloroethene	2.319	96	17835	19.165	ug/l	95
13) Acrolein	2.239	56	12905	68.355	ug/l	98
14) Allyl chloride	2.666	41	31377	15.263	ug/l	94
15) Acrylonitrile	3.068	53	65605	86.943	ug/l	99
16) Acetone	2.386	43	58139	83.243	ug/l	99
17) Carbon Disulfide	2.514	76	42501	19.630	ug/l	98
18) Methyl Acetate	2.709	43	34783	16.795	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	74048	17.183	ug/l	99
20) Methylene Chloride	2.788	84	22407	18.976	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	21276	19.451	ug/l	97
22) Diisopropyl ether	3.763	45	71857	16.704	ug/l	97
23) Vinyl Acetate	3.721	43	309011	86.433	ug/l	99
24) 1,1-Dichloroethane	3.611	63	39783	17.621	ug/l	96
25) 2-Butanone	4.562	43	95224	82.658	ug/l	99
26) 2,2-Dichloropropane	4.477	77	35456	16.553	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	25540	18.633	ug/l	94
28) Bromochloromethane	4.903	49	16200	15.394	ug/l	95
29) Tetrahydrofuran	5.007	42	60369	84.600	ug/l	97
30) Chloroform	5.092	83	43349	18.132	ug/l	96
31) Cyclohexane	5.470	56	32715	18.613	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	39134	18.268	ug/l	99
36) 1,1-Dichloropropene	5.690	75	29867	19.124	ug/l	100
37) Ethyl Acetate	4.714	43	36269	17.672	ug/l	99
38) Carbon Tetrachloride	5.678	117	33272	19.599	ug/l	98
39) Methylcyclohexane	7.385	83	33864	19.690	ug/l	95
40) Benzene	6.043	78	90554	20.192	ug/l	98

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41) Methacrylonitrile	4.922	41	18800	16.910	ug/l	95
42) 1,2-Dichloroethane	6.086	62	34957	19.325	ug/l	99
43) Isopropyl Acetate	6.342	43	61865	17.660	ug/l	99
44) Trichloroethene	7.129	130	24805	21.694	ug/l	88
45) 1,2-Dichloropropane	7.433	63	23446	19.097	ug/l	99
46) Dibromomethane	7.586	93	17483	20.079	ug/l	94
47) Bromodichloromethane	7.824	83	34423	19.008	ug/l	99
48) Methyl methacrylate	7.696	41	27536	17.267	ug/l	96
49) 1,4-Dioxane	7.683	88	13820	432.120	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	196528	92.294	ug/l	100
52) Toluene	8.720	92	58555	20.641	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	35537	17.437	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	37516	17.913	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	24673	19.702	ug/l	98
56) Ethyl methacrylate	9.116	69	37485	18.490	ug/l	95
57) 1,3-Dichloropropane	9.311	76	41655	19.358	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	76253	80.729	ug/l	98
59) 2-Hexanone	9.433	43	153494	94.446	ug/l	100
60) Dibromochloromethane	9.525	129	26628	19.723	ug/l	99
61) 1,2-Dibromoethane	9.610	107	26325	20.486	ug/l	100
64) Tetrachloroethene	9.275	164	24144	22.558	ug/l	99
65) Chlorobenzene	10.079	112	63283	20.412	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	24057	19.694	ug/l	97
67) Ethyl Benzene	10.195	91	112207	19.981	ug/l	99
68) m/p-Xylenes	10.305	106	89021	41.749	ug/l	99
69) o-Xylene	10.640	106	43262	19.976	ug/l	99
70) Styrene	10.659	104	71104	20.190	ug/l	98
71) Bromoform	10.799	173	18891	19.426	ug/l #	99
73) Isopropylbenzene	10.963	105	115155	19.196	ug/l	98
74) N-amyl acetate	10.841	43	50406	16.902	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	40579	18.823	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	36364m	17.767	ug/l	
77) Bromobenzene	11.201	156	27853	20.363	ug/l	94
78) n-propylbenzene	11.305	91	132173	18.774	ug/l	98
79) 2-Chlorotoluene	11.366	91	76610	17.785	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	95872	19.075	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11711	15.833	ug/l	93
82) 4-Chlorotoluene	11.457	91	89129	18.051	ug/l	100
83) tert-Butylbenzene	11.713	119	94859	18.865	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	93742	18.766	ug/l	99
85) sec-Butylbenzene	11.890	105	120093	19.073	ug/l	99
86) p-Isopropyltoluene	12.012	119	99987	19.487	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	51993	19.938	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	52817	19.706	ug/l	99
89) n-Butylbenzene	12.335	91	86328	18.974	ug/l	98
90) Hexachloroethane	12.542	117	17654	17.229	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	53211	20.042	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9070	17.041	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	30613	21.294	ug/l	99
94) Hexachlorobutadiene	13.725	225	12062	21.493	ug/l	99
95) Naphthalene	13.774	128	114660	19.630	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	31162	20.241	ug/l	97

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

09/16/2022
 Supervised By :Mahesh
 Dadoda

09/16/2022

