

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
 Data File : VX030281.D
 Acq On : 28 Jul 2022 19:43
 Operator : JC/MD
 Sample : VX0728MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

Quant Time: Jul 29 06:00:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	143912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	248734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	158126	54.667	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.340%			
35) Dibromofluoromethane	5.391	113	127336	53.553	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.100%			
50) Toluene-d8	8.653	98	492556	53.491	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.980%			
62) 4-Bromofluorobenzene	11.085	95	186814	54.665	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55748	23.607	ug/l	100
3) Chloromethane	1.288	50	53616	22.960	ug/l	99
4) Vinyl Chloride	1.374	62	53813	22.832	ug/l	99
5) Bromomethane	1.599	94	17151	16.939	ug/l	98
6) Chloroethane	1.679	64	30360	22.434	ug/l	97
7) Trichlorofluoromethane	1.886	101	71008	22.867	ug/l	99
8) Diethyl Ether	2.136	74	27315	22.463	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	46447	20.195	ug/l	98
10) Methyl Iodide	2.453	142	24162	11.976	ug/l	99
11) Tert butyl alcohol	2.971	59	92096	130.526	ug/l	98
12) 1,1-Dichloroethene	2.319	96	48276	21.474	ug/l	96
13) Acrolein	2.239	56	16703	96.315	ug/l	99
14) Allyl chloride	2.660	41	96714	20.848	ug/l	96
15) Acrylonitrile	3.069	53	194818	111.732	ug/l	99
16) Acetone	2.386	43	166880	112.688	ug/l	95
17) Carbon Disulfide	2.508	76	104420	17.207	ug/l	95
18) Methyl Acetate	2.709	43	98302	22.442	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	170054	22.083	ug/l	96
20) Methylene Chloride	2.788	84	58511	21.611	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	49402	19.909	ug/l	97
22) Diisopropyl ether	3.770	45	192786	21.964	ug/l	88
23) Vinyl Acetate	3.727	43	828475	108.810	ug/l	98
24) 1,1-Dichloroethane	3.617	63	98107	21.034	ug/l	100
25) 2-Butanone	4.562	43	274641	110.361	ug/l	93
26) 2,2-Dichloropropane	4.483	77	58924	17.471	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	59148	20.270	ug/l	93
28) Bromochloromethane	4.904	49	42969	21.807	ug/l	95
29) Tetrahydrofuran	5.013	42	180886	108.031	ug/l	95
30) Chloroform	5.105	83	97017	21.008	ug/l	97
31) Cyclohexane	5.477	56	83455	19.872	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	77123	20.545	ug/l	99
36) 1,1-Dichloropropene	5.696	75	70501	20.603	ug/l	96
37) Ethyl Acetate	4.721	43	98314	20.289	ug/l	98
38) Carbon Tetrachloride	5.684	117	60111	18.817	ug/l	95
39) Methylcyclohexane	7.385	83	83571	18.921	ug/l	96
40) Benzene	6.044	78	214573	19.930	ug/l	96

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41) Methacrylonitrile	4.928	41	55685	21.438	ug/l	96
42) 1,2-Dichloroethane	6.092	62	75052	20.174	ug/l	97
43) Isopropyl Acetate	6.348	43	148960	20.970	ug/l	97
44) Trichloroethene	7.129	130	56793	19.305	ug/l	97
45) 1,2-Dichloropropane	7.440	63	59083	20.576	ug/l	96
46) Dibromomethane	7.586	93	37659	19.285	ug/l	99
47) Bromodichloromethane	7.830	83	67965	19.145	ug/l	99
48) Methyl methacrylate	7.696	41	72504	20.736	ug/l	95
49) 1,4-Dioxane	7.665	88	33481	414.594	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	518108	107.434	ug/l	98
52) Toluene	8.720	92	133800	20.370	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	73751	19.273	ug/l	93
54) cis-1,3-Dichloropropene	8.372	75	80316	19.260	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	56948	20.362	ug/l	96
56) Ethyl methacrylate	9.122	69	93824	21.222	ug/l	96
57) 1,3-Dichloropropane	9.311	76	93041	20.154	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	264217	120.416	ug/l	96
59) 2-Hexanone	9.433	43	411294	108.100	ug/l	96
60) Dibromochloromethane	9.525	129	49091	18.962	ug/l	99
61) 1,2-Dibromoethane	9.616	107	58382	19.992	ug/l	98
64) Tetrachloroethene	9.275	164	50715	18.144	ug/l	91
65) Chlorobenzene	10.086	112	141250	20.028	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	48050	20.042	ug/l	98
67) Ethyl Benzene	10.195	91	260869	24.122	ug/l	98
68) m/p-Xylenes	10.305	106	197324	41.302	ug/l	95
69) o-Xylene	10.646	106	99243	21.076	ug/l	95
70) Styrene	10.659	104	165902	21.445	ug/l	97
71) Bromoform	10.805	173	32487	18.432	ug/l #	97
73) Isopropylbenzene	10.963	105	255666	20.632	ug/l	99
74) N-amyl acetate	10.848	43	126738	21.044	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	90735	20.005	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	85217m	20.367	ug/l	
77) Bromobenzene	11.201	156	59956	20.614	ug/l	94
78) n-propylbenzene	11.305	91	306364	20.714	ug/l	98
79) 2-Chlorotoluene	11.366	91	180245	19.299	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	213641	20.590	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	25046	17.957	ug/l	94
82) 4-Chlorotoluene	11.457	91	208141	20.397	ug/l	98
83) tert-Butylbenzene	11.719	119	198395	20.629	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	215449	20.813	ug/l	98
85) sec-Butylbenzene	11.896	105	271508	20.626	ug/l	99
86) p-Isopropyltoluene	12.012	119	217677	20.669	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	110874	19.601	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	111809	19.418	ug/l	99
89) n-Butylbenzene	12.335	91	207009	21.113	ug/l	99
90) Hexachloroethane	12.542	117	32543	17.947	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	113268	20.401	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20822	19.141	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	66173	20.553	ug/l	98
94) Hexachlorobutadiene	13.725	225	25188	19.483	ug/l	97
95) Naphthalene	13.780	128	332652	26.450	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	69270	20.978	ug/l	99

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

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