

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
 Data File : VX041714.D
 Acq On : 03 Jun 2024 19:01
 Operator : JC/MD
 Sample : VX0603MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/04/2024
 Supervised By : Mahesh Dadoda 06/04/2024

Quant Time: Jun 04 00:53:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	187887	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	275180	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107702	46.738	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.480%		
35) Dibromofluoromethane	5.385	113	85612	44.998	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.000%		
50) Toluene-d8	8.647	98	303918	45.717	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.440%#		
62) 4-Bromofluorobenzene	11.079	95	110511	45.041	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.080%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	31470	19.062	ug/l	100
3) Chloromethane	1.301	50	33733	18.727	ug/l	100
4) Vinyl Chloride	1.374	62	35353	19.065	ug/l	99
5) Bromomethane	1.593	94	22580	17.485	ug/l	95
6) Chloroethane	1.666	64	24759	22.091	ug/l	100
7) Trichlorofluoromethane	1.874	101	58467	19.308	ug/l	98
8) Diethyl Ether	2.136	74	22214	19.034	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.319	101	31195	18.181	ug/l #	88
10) Methyl Iodide	2.447	142	45051	21.056	ug/l	90
11) Tert butyl alcohol	2.989	59	48107	118.012	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	31557	18.842	ug/l	91
13) Acrolein	2.239	56	35312	93.036	ug/l	98
14) Allyl chloride	2.660	41	53000	19.236	ug/l	98
15) Acrylonitrile	3.068	53	102858	102.887	ug/l	99
16) Acetone	2.392	43	97633	94.743	ug/l	95
17) Carbon Disulfide	2.502	76	65062	17.560	ug/l	97
18) Methyl Acetate	2.709	43	50494	22.949	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	110597	19.737	ug/l	99
20) Methylene Chloride	2.782	84	36687	17.790	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	32242	18.554	ug/l	88
22) Diisopropyl ether	3.770	45	110236	19.577	ug/l	90
23) Vinyl Acetate	3.727	43	511215	101.055	ug/l	97
24) 1,1-Dichloroethane	3.605	63	60812	19.099	ug/l	98
25) 2-Butanone	4.568	43	149975	104.717	ug/l	99
26) 2,2-Dichloropropane	4.471	77	39824	15.244	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	39709	19.116	ug/l	90
28) Bromochloromethane	4.904	49	26026	18.978	ug/l #	79
29) Tetrahydrofuran	5.013	42	97521	107.971	ug/l	98
30) Chloroform	5.093	83	65125	19.481	ug/l	96
31) Cyclohexane	5.464	56	50779	18.665	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	57379	19.586	ug/l	98
36) 1,1-Dichloropropene	5.690	75	41617	18.065	ug/l	96
37) Ethyl Acetate	4.721	43	57809	19.884	ug/l	99
38) Carbon Tetrachloride	5.672	117	49113	18.764	ug/l	93
39) Methylcyclohexane	7.379	83	51095	18.053	ug/l	93
40) Benzene	6.037	78	134345	18.657	ug/l	100

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41) Methacrylonitrile	4.928	41	30311	21.318	ug/l	96
42) 1,2-Dichloroethane	6.092	62	51777	19.261	ug/l	95
43) Isopropyl Acetate	6.348	43	87643	19.966	ug/l	98
44) Trichloroethene	7.129	130	36816	18.799	ug/l	85
45) 1,2-Dichloropropane	7.434	63	32071	18.732	ug/l	97
46) Dibromomethane	7.580	93	25810	19.655	ug/l #	80
47) Bromodichloromethane	7.824	83	46992	19.327	ug/l	98
48) Methyl methacrylate	7.696	41	43474	20.624	ug/l	95
49) 1,4-Dioxane	7.665	88	20455	444.113	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	296449	104.149	ug/l	99
52) Toluene	8.720	92	88049	19.267	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	44675	18.666	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	49666	18.758	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	35908	19.493	ug/l	97
56) Ethyl methacrylate	9.116	69	57561	20.472	ug/l	98
57) 1,3-Dichloropropane	9.311	76	58825	19.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	115064	86.923	ug/l	94
59) 2-Hexanone	9.433	43	233860	107.764	ug/l	99
60) Dibromochloromethane	9.519	129	39238	19.201	ug/l	100
61) 1,2-Dibromoethane	9.610	107	38495	19.799	ug/l	99
64) Tetrachloroethene	9.275	164	34743	18.511	ug/l	90
65) Chlorobenzene	10.079	112	102295	19.034	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	36057	19.335	ug/l	98
67) Ethyl Benzene	10.195	91	166232	19.408	ug/l	97
68) m/p-Xylenes	10.299	106	131931	38.720	ug/l	94
69) o-Xylene	10.640	106	65885	19.437	ug/l	95
70) Styrene	10.652	104	108383	19.359	ug/l	96
71) Bromoform	10.799	173	30724	18.917	ug/l #	99
73) Isopropylbenzene	10.963	105	167473	20.647	ug/l	96
74) N-amyl acetate	10.841	43	78498	21.847	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	58023	20.157	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	46877m	20.546	ug/l	
77) Bromobenzene	11.201	156	47602	19.882	ug/l	81
78) n-propylbenzene	11.305	91	180028	20.213	ug/l	97
79) 2-Chlorotoluene	11.366	91	114832	20.059	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	138474	20.447	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	14546	17.377	ug/l	95
82) 4-Chlorotoluene	11.457	91	128489	19.729	ug/l	93
83) tert-Butylbenzene	11.713	119	151648	20.788	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	141426	20.611	ug/l	94
85) sec-Butylbenzene	11.890	105	170840	20.427	ug/l	96
86) p-Isopropyltoluene	12.006	119	149427	20.372	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	83437	19.513	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	84218	19.107	ug/l	96
89) n-Butylbenzene	12.335	91	110920	19.102	ug/l	97
90) Hexachloroethane	12.536	117	24064	19.289	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	85891	19.720	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12855	22.106	ug/l	66
93) 1,2,4-Trichlorobenzene	13.591	180	53572	18.663	ug/l	96
94) Hexachlorobutadiene	13.725	225	26101	18.353	ug/l	99
95) Naphthalene	13.774	128	175427	20.710	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	56787	19.222	ug/l	96

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

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