

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060424\
 Data File : VX041726.D
 Acq On : 04 Jun 2024 11:35
 Operator : JC/MD
 Sample : VX0604MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/05/2024
 Supervised By : Mahesh Dadoda 06/05/2024

Quant Time: Jun 05 04:54:04 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	191348	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	276706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	118402	50.452	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 100.900%		
35) Dibromofluoromethane	5.385	113	95474	49.905	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 99.800%		
50) Toluene-d8	8.647	98	341475	51.083	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 102.160%		
62) 4-Bromofluorobenzene	11.079	95	124973	50.654	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 101.300%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	32880	19.556	ug/l	99
3) Chloromethane	1.300	50	34649	18.888	ug/l	98
4) Vinyl Chloride	1.374	62	35993	19.059	ug/l	99
5) Bromomethane	1.599	94	24662	18.751	ug/l	97
6) Chloroethane	1.666	64	24228	21.226	ug/l	97
7) Trichlorofluoromethane	1.873	101	60340	19.566	ug/l	100
8) Diethyl Ether	2.136	74	22611	19.024	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.318	101	33391	19.109	ug/l	89
10) Methyl Iodide	2.447	142	43182	19.817	ug/l	93
11) Tert butyl alcohol	2.995	59	47282	113.891	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	32449	19.024	ug/l	90
13) Acrolein	2.239	56	27890	72.152	ug/l	98
14) Allyl chloride	2.660	41	55689	19.846	ug/l	99
15) Acrylonitrile	3.074	53	105706	103.824	ug/l	100
16) Acetone	2.392	43	102182	97.470	ug/l	96
17) Carbon Disulfide	2.501	76	67008	17.759	ug/l	100
18) Methyl Acetate	2.709	43	47399	21.152	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	112246	19.669	ug/l	98
20) Methylene Chloride	2.788	84	37631	17.918	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	32941	18.614	ug/l	90
22) Diisopropyl ether	3.769	45	113793	19.843	ug/l	90
23) Vinyl Acetate	3.727	43	515641	100.087	ug/l	97
24) 1,1-Dichloroethane	3.605	63	62720	19.342	ug/l	97
25) 2-Butanone	4.568	43	152374	104.468	ug/l	98
26) 2,2-Dichloropropane	4.471	77	49759	18.703	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	40510	19.149	ug/l	92
28) Bromochloromethane	4.897	49	24670	17.664	ug/l #	79
29) Tetrahydrofuran	5.013	42	97910	106.441	ug/l	97
30) Chloroform	5.098	83	65947	19.370	ug/l	95
31) Cyclohexane	5.464	56	51654	18.643	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	58494	19.606	ug/l	98
36) 1,1-Dichloropropene	5.696	75	42820	18.485	ug/l	97
37) Ethyl Acetate	4.727	43	58830	20.123	ug/l	100
38) Carbon Tetrachloride	5.672	117	50358	19.134	ug/l	96
39) Methylcyclohexane	7.379	83	53525	18.807	ug/l	94
40) Benzene	6.037	78	139406	19.253	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	31211	21.830	ug/l	97
42) 1,2-Dichloroethane	6.092	62	52039	19.252	ug/l	98
43) Isopropyl Acetate	6.348	43	86476	19.592	ug/l	98
44) Trichloroethene	7.123	130	37252	18.917	ug/l	90
45) 1,2-Dichloropropane	7.433	63	33653	19.548	ug/l	98
46) Dibromomethane	7.580	93	25488	19.303	ug/l #	78
47) Bromodichloromethane	7.824	83	47983	19.625	ug/l	97
48) Methyl methacrylate	7.696	41	43330	20.442	ug/l	96
49) 1,4-Dioxane	7.671	88	20142	434.906	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	298466	104.279	ug/l	99
52) Toluene	8.720	92	90013	19.589	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	46509	19.325	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	51466	19.331	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	36526	19.719	ug/l	98
56) Ethyl methacrylate	9.116	69	57085	20.190	ug/l	97
57) 1,3-Dichloropropane	9.311	76	60795	19.769	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	148803	111.791	ug/l	95
59) 2-Hexanone	9.433	43	234278	107.362	ug/l	98
60) Dibromochloromethane	9.518	129	39781	19.360	ug/l	99
61) 1,2-Dibromoethane	9.610	107	39261	20.082	ug/l	100
64) Tetrachloroethene	9.275	164	35960	19.033	ug/l	92
65) Chlorobenzene	10.079	112	105365	19.476	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	36515	19.451	ug/l	98
67) Ethyl Benzene	10.195	91	170318	19.754	ug/l	99
68) m/p-Xylenes	10.299	106	135120	39.394	ug/l	95
69) o-Xylene	10.640	106	67523	19.789	ug/l	94
70) Styrene	10.658	104	112121	19.894	ug/l	96
71) Bromoform	10.799	173	31027	18.978	ug/l #	98
73) Isopropylbenzene	10.963	105	172829	21.051	ug/l	98
74) N-amyl acetate	10.841	43	77149	21.213	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	59275	20.344	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	48158m	20.854	ug/l	
77) Bromobenzene	11.195	156	48500	20.014	ug/l	80
78) n-propylbenzene	11.305	91	189441	21.014	ug/l	98
79) 2-Chlorotoluene	11.366	91	119665	20.652	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	142341	20.765	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	16070	18.966	ug/l	97
82) 4-Chlorotoluene	11.457	91	135921	20.619	ug/l	94
83) tert-Butylbenzene	11.713	119	151645	20.538	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	144599	20.820	ug/l	94
85) sec-Butylbenzene	11.890	105	177708	20.993	ug/l	96
86) p-Isopropyltoluene	12.006	119	155083	20.889	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	88127	20.362	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	87145	19.533	ug/l	96
89) n-Butylbenzene	12.335	91	116944	19.897	ug/l	98
90) Hexachloroethane	12.536	117	24863	19.690	ug/l	66
91) 1,2-Dichlorobenzene	12.335	146	88184	20.004	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13099	22.254	ug/l	67
93) 1,2,4-Trichlorobenzene	13.585	180	55822	19.213	ug/l	96
94) Hexachlorobutadiene	13.725	225	28050	19.487	ug/l	99
95) Naphthalene	13.774	128	179137	20.894	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	58960	19.718	ug/l	95

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

