

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
 Data File : VX041742.D
 Acq On : 05 Jun 2024 12:09
 Operator : JC/MD
 Sample : VX0605MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605MBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

06/06/2024
 Supervised By :Mahesh
 Dadoda

Quant Time: Jun 06 02:11:52 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	5.549	168	184317	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	267684	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135892	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105624	46.724	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.440%
35) Dibromofluoromethane	5.385	113	83923	45.345	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.700%
50) Toluene-d8	8.646	98	307367	47.530	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.060%
62) 4-Bromofluorobenzene	11.079	95	114846	48.118	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	30481	18.821	ug/l	98
3) Chloromethane	1.300	50	31091	17.595	ug/l	99
4) Vinyl Chloride	1.373	62	34130	18.762	ug/l	100
5) Bromomethane	1.605	94	22516	17.773	ug/l	97
6) Chloroethane	1.684	64	22573	20.531	ug/l	98
7) Trichlorofluoromethane	1.885	101	56277	18.945	ug/l	98
8) Diethyl Ether	2.135	74	20864	18.224	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.330	101	31631	18.792	ug/l	88
10) Methyl Iodide	2.452	142	41276	19.665	ug/l	90
11) Tert butyl alcohol	2.965	59	44333	110.861	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	30358	18.477	ug/l	90
13) Acrolein	2.239	56	31804	85.416	ug/l	99
14) Allyl chloride	2.666	41	52131	19.287	ug/l	97
15) Acrylonitrile	3.068	53	97596	99.515	ug/l	100
16) Acetone	2.379	43	96910	95.908	ug/l	98
17) Carbon Disulfide	2.513	76	65557	18.037	ug/l	98
18) Methyl Acetate	2.708	43	44016	20.392	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	104568	19.023	ug/l	100
20) Methylene Chloride	2.788	84	35393	17.495	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	31738	18.618	ug/l	88
22) Diisopropyl ether	3.763	45	105321	19.066	ug/l	96
23) Vinyl Acetate	3.720	43	488965	98.529	ug/l	98
24) 1,1-Dichloroethane	3.611	63	59088	18.917	ug/l	98
25) 2-Butanone	4.562	43	144230	102.656	ug/l	94
26) 2,2-Dichloropropane	4.476	77	47282	18.450	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	38287	18.789	ug/l	91
28) Bromochloromethane	4.897	49	25482	18.941	ug/l #	80
29) Tetrahydrofuran	5.007	42	90442	102.073	ug/l	96
30) Chloroform	5.098	83	63453	19.348	ug/l	97
31) Cyclohexane	5.470	56	49297	18.471	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	56623	19.702	ug/l	98
36) 1,1-Dichloropropene	5.696	75	41331	18.443	ug/l	96
37) Ethyl Acetate	4.714	43	52493	18.561	ug/l	99
38) Carbon Tetrachloride	5.677	117	46740	18.358	ug/l	99
39) Methylcyclohexane	7.378	83	52289	18.992	ug/l	94
40) Benzene	6.037	78	130606	18.646	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	28770	20.800	ug/l	96
42) 1,2-Dichloroethane	6.086	62	49717	19.013	ug/l	97
43) Isopropyl Acetate	6.342	43	83251	19.497	ug/l	99
44) Trichloroethene	7.128	130	36585	19.204	ug/l	90
45) 1,2-Dichloropropane	7.427	63	32457	19.488	ug/l	98
46) Dibromomethane	7.586	93	24810	19.422	ug/l #	80
47) Bromodichloromethane	7.823	83	46206	19.535	ug/l	97
48) Methyl methacrylate	7.695	41	41719	20.345	ug/l	98
49) 1,4-Dioxane	7.665	88	17008	379.614	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	277914	100.371	ug/l	98
52) Toluene	8.720	92	86155	19.381	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	45789	19.667	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	49157	19.086	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	34838	19.441	ug/l	96
56) Ethyl methacrylate	9.116	69	54464	19.913	ug/l	99
57) 1,3-Dichloropropane	9.311	76	57355	19.279	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	116342	90.350	ug/l	95
59) 2-Hexanone	9.427	43	218382	103.450	ug/l	99
60) Dibromochloromethane	9.518	129	38301	19.267	ug/l	100
61) 1,2-Dibromoethane	9.610	107	37246	19.694	ug/l	98
64) Tetrachloroethene	9.274	164	35325	18.992	ug/l	91
65) Chlorobenzene	10.079	112	100287	18.830	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	35400	19.155	ug/l	98
67) Ethyl Benzene	10.195	91	166655	19.634	ug/l	99
68) m/p-Xylenes	10.299	106	129852	38.456	ug/l	96
69) o-Xylene	10.640	106	64426	19.179	ug/l	95
70) Styrene	10.652	104	108657	19.584	ug/l	96
71) Bromoform	10.798	173	30109	18.707	ug/l #	99
73) Isopropylbenzene	10.963	105	167664	19.890	ug/l	97
74) N-amyl acetate	10.841	43	72539	19.426	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	55351	18.503	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	45670m	19.262	ug/l	
77) Bromobenzene	11.195	156	47328	19.021	ug/l	80
78) n-propylbenzene	11.304	91	186825	20.184	ug/l	96
79) 2-Chlorotoluene	11.365	91	114856	19.306	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	138119	19.625	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	15405	17.708	ug/l	100
82) 4-Chlorotoluene	11.451	91	129862	19.187	ug/l	93
83) tert-Butylbenzene	11.713	119	145719	19.221	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	140809	19.747	ug/l	94
85) sec-Butylbenzene	11.890	105	174791	20.110	ug/l	95
86) p-Isopropyltoluene	12.006	119	155231	20.364	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	85368	19.211	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	87072	19.009	ug/l	96
89) n-Butylbenzene	12.329	91	128830	21.349	ug/l	97
90) Hexachloroethane	12.536	117	23407	18.054	ug/l	65
91) 1,2-Dichlorobenzene	12.335	146	84327	18.630	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.944	75	12112	20.042	ug/l	62
93) 1,2,4-Trichlorobenzene	13.585	180	61161	20.503	ug/l	95
94) Hexachlorobutadiene	13.725	225	27337	18.497	ug/l	97
95) Naphthalene	13.774	128	186753	21.215	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	62105	20.229	ug/l	97

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

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