

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042924\
 Data File : VX041281.D
 Acq On : 29 Apr 2024 17:27
 Operator : JC/MD
 Sample : VX0429MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/30/2024
 Supervised By : Mahesh Dadoda 04/30/2024

Quant Time: Apr 30 02:13:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	122421	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	177864	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69009	59.217	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.440%#			
35) Dibromofluoromethane	5.385	113	56438	52.164	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.320%			
50) Toluene-d8	8.647	98	173159	47.437	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.880%			
62) 4-Bromofluorobenzene	11.079	95	66369	49.260	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	17271	17.837	ug/l	100
3) Chloromethane	1.301	50	18989	18.114	ug/l	97
4) Vinyl Chloride	1.374	62	18696	17.834	ug/l	98
5) Bromomethane	1.593	94	12418	21.038	ug/l	99
6) Chloroethane	1.666	64	10509	26.387	ug/l	92
7) Trichlorofluoromethane	1.867	101	37055	22.812	ug/l	99
8) Diethyl Ether	2.136	74	16565	27.711	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.319	101	20512	21.462	ug/l	88
10) Methyl Iodide	2.441	142	16916	14.677	ug/l	93
11) Tert butyl alcohol	3.008	59	34992m	167.607	ug/l	
12) 1,1-Dichloroethene	2.306	96	18714	20.976	ug/l	84
13) Acrolein	2.239	56	23447	100.115	ug/l	98
14) Allyl chloride	2.660	41	34412	23.743	ug/l	99
15) Acrylonitrile	3.075	53	76040	142.535	ug/l	98
16) Acetone	2.392	43	72806	171.637	ug/l	95
17) Carbon Disulfide	2.502	76	34242	18.373	ug/l	97
18) Methyl Acetate	2.709	43	36830	29.351	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	80250	25.161	ug/l	97
20) Methylene Chloride	2.788	84	25391	24.509	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	19738	20.020	ug/l	89
22) Diisopropyl ether	3.770	45	76486	24.408	ug/l	92
23) Vinyl Acetate	3.727	43	357197	133.243	ug/l	96
24) 1,1-Dichloroethane	3.605	63	39592	22.602	ug/l	99
25) 2-Butanone	4.574	43	108107	149.232	ug/l	96
26) 2,2-Dichloropropane	4.471	77	30636	20.694	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	26413	21.614	ug/l	89
28) Bromochloromethane	4.897	49	13582	20.432	ug/l #	78
29) Tetrahydrofuran	5.019	42	72432	146.766	ug/l	96
30) Chloroform	5.093	83	44140	23.477	ug/l	94
31) Cyclohexane	5.464	56	28852	18.396	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	36249	21.507	ug/l	98
36) 1,1-Dichloropropene	5.690	75	24129	17.430	ug/l	95
37) Ethyl Acetate	4.727	43	42860	28.219	ug/l	99
38) Carbon Tetrachloride	5.672	117	30872	19.966	ug/l	97
39) Methylcyclohexane	7.379	83	30056	16.369	ug/l	96
40) Benzene	6.037	78	84812	19.837	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	21830	27.608	ug/l	91
42) 1,2-Dichloroethane	6.092	62	35006	23.614	ug/l	97
43) Isopropyl Acetate	6.348	43	64023	26.168	ug/l	98
44) Trichloroethene	7.123	130	23266	18.718	ug/l	83
45) 1,2-Dichloropropane	7.427	63	21958	21.420	ug/l	100
46) Dibromomethane	7.586	93	17637	23.073	ug/l #	78
47) Bromodichloromethane	7.824	83	32262	22.898	ug/l	98
48) Methyl methacrylate	7.696	41	30619	26.459	ug/l	94
49) 1,4-Dioxane	7.677	88	14057	564.354	ug/l #	76
51) 4-Methyl-2-Pentanone	8.574	43	224632	146.680	ug/l	100
52) Toluene	8.720	92	56336	20.912	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	29900	21.635	ug/l	93
54) cis-1,3-Dichloropropene	8.366	75	32711	20.820	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	25441	24.202	ug/l	98
56) Ethyl methacrylate	9.122	69	39611	24.649	ug/l	98
57) 1,3-Dichloropropane	9.311	76	40592	23.327	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	92370	118.099	ug/l	92
59) 2-Hexanone	9.433	43	177101	150.806	ug/l	100
60) Dibromochloromethane	9.519	129	27969	23.049	ug/l	100
61) 1,2-Dibromoethane	9.610	107	26233	23.260	ug/l	97
64) Tetrachloroethene	9.275	164	21300	17.179	ug/l	91
65) Chlorobenzene	10.079	112	63601	19.115	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	23953	21.018	ug/l	99
67) Ethyl Benzene	10.195	91	101793	19.171	ug/l	100
68) m/p-Xylenes	10.299	106	80421	37.519	ug/l	95
69) o-Xylene	10.640	106	41315	19.818	ug/l	95
70) Styrene	10.659	104	69009	20.347	ug/l	95
71) Bromoform	10.799	173	22629	23.224	ug/l #	97
73) Isopropylbenzene	10.963	105	105148	19.740	ug/l	97
74) N-amyl acetate	10.841	43	54818	26.185	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	41718	24.834	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	34087m	24.712	ug/l	
77) Bromobenzene	11.195	156	31371	20.238	ug/l	78
78) n-propylbenzene	11.305	91	110509	19.213	ug/l	97
79) 2-Chlorotoluene	11.366	91	71971	19.774	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	88161	19.894	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	10604	21.689	ug/l	95
82) 4-Chlorotoluene	11.457	91	80773	19.583	ug/l	92
83) tert-Butylbenzene	11.713	119	95167	20.054	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	89026	20.240	ug/l	93
85) sec-Butylbenzene	11.890	105	108627	19.822	ug/l	95
86) p-Isopropyltoluene	12.012	119	93976	19.460	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	53291	19.139	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	54126	18.945	ug/l	94
89) n-Butylbenzene	12.335	91	70083	19.113	ug/l	98
90) Hexachloroethane	12.536	117	15576	19.553	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	57886	20.756	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9835	27.903	ug/l	57
93) 1,2,4-Trichlorobenzene	13.591	180	37903	19.601	ug/l	95
94) Hexachlorobutadiene	13.725	225	18252	18.475	ug/l	98
95) Naphthalene	13.774	128	133855	24.092	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	42258	20.747	ug/l	96

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

