

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101024\
 Data File : VX043350.D
 Acq On : 10 Oct 2024 13:37
 Operator : JC/MD
 Sample : VX1010MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010MBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 01:43:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	97274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168269	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86164	54.238	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.480%			
35) Dibromofluoromethane	5.385	113	63062	54.343	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.680%			
50) Toluene-d8	8.647	98	213723	53.145	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.300%			
62) 4-Bromofluorobenzene	11.079	95	77883	53.309	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	21388	18.903	ug/l	98
3) Chloromethane	1.301	50	21979	18.861	ug/l	98
4) Vinyl Chloride	1.374	62	22165	18.989	ug/l	99
5) Bromomethane	1.599	94	9378	19.665	ug/l	96
6) Chloroethane	1.666	64	7804	17.954	ug/l	97
7) Trichlorofluoromethane	1.868	101	31433	18.023	ug/l	95
8) Diethyl Ether	2.136	74	12825	18.897	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.313	101	20336	18.685	ug/l	99
10) Methyl Iodide	2.441	142	24047	17.591	ug/l	99
11) Tert butyl alcohol	3.002	59	23316	77.127	ug/l	97
12) 1,1-Dichloroethene	2.307	96	19496	18.039	ug/l	90
13) Acrolein	2.240	56	21946	76.861	ug/l	100
14) Allyl chloride	2.660	41	32305	18.194	ug/l	99
15) Acrylonitrile	3.075	53	58309	94.459	ug/l	99
16) Acetone	2.392	43	69054	104.087	ug/l	99
17) Carbon Disulfide	2.502	76	42920	16.327	ug/l	99
18) Methyl Acetate	2.709	43	28689	17.238	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	75005	19.398	ug/l	99
20) Methylene Chloride	2.788	84	22395	18.308	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	20823	19.359	ug/l	96
22) Diisopropyl ether	3.770	45	70518	19.746	ug/l	90
23) Vinyl Acetate	3.721	43	313202	83.401	ug/l	100
24) 1,1-Dichloroethane	3.605	63	40713	19.568	ug/l	98
25) 2-Butanone	4.568	43	90687	99.695	ug/l	98
26) 2,2-Dichloropropane	4.471	77	38360	19.378	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	26019	19.396	ug/l	99
28) Bromochloromethane	4.898	49	18324	22.324	ug/l	97
29) Tetrahydrofuran	5.007	42	54610	94.239	ug/l	99
30) Chloroform	5.087	83	43435	19.010	ug/l	98
31) Cyclohexane	5.465	56	33149	19.338	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	39936	19.030	ug/l	99
36) 1,1-Dichloropropene	5.690	75	28901	19.714	ug/l	97
37) Ethyl Acetate	4.721	43	34628	19.669	ug/l	98
38) Carbon Tetrachloride	5.672	117	32454	18.700	ug/l	98
39) Methylcyclohexane	7.379	83	36018	19.534	ug/l	98
40) Benzene	6.038	78	88206	19.845	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	17846	19.473	ug/l	98
42) 1,2-Dichloroethane	6.086	62	36390	20.091	ug/l	100
43) Isopropyl Acetate	6.342	43	56269	19.351	ug/l	99
44) Trichloroethene	7.123	130	22105	18.750	ug/l	90
45) 1,2-Dichloropropane	7.428	63	20918	19.177	ug/l	100
46) Dibromomethane	7.580	93	17012	19.463	ug/l	97
47) Bromodichloromethane	7.824	83	31466	18.311	ug/l	98
48) Methyl methacrylate	7.696	41	26582	18.631	ug/l	98
49) 1,4-Dioxane	7.671	88	8427	303.842	ug/l #	78
51) 4-Methyl-2-Pentanone	8.574	43	169063	95.727	ug/l	99
52) Toluene	8.720	92	53477	19.197	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	32391	18.969	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	34799	19.001	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	21110	19.068	ug/l	97
56) Ethyl methacrylate	9.116	69	35327	19.518	ug/l	98
57) 1,3-Dichloropropane	9.311	76	36589	19.404	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	80015	98.074	ug/l	99
59) 2-Hexanone	9.433	43	131560	98.506	ug/l	99
60) Dibromochloromethane	9.519	129	22147	17.244	ug/l	97
61) 1,2-Dibromoethane	9.610	107	22497	18.913	ug/l	99
64) Tetrachloroethene	9.275	164	19231	19.629	ug/l	96
65) Chlorobenzene	10.080	112	58259	19.192	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	20096	18.722	ug/l	96
67) Ethyl Benzene	10.195	91	101754	19.393	ug/l	99
68) m/p-Xylenes	10.299	106	76238	38.448	ug/l	98
69) o-Xylene	10.640	106	38060	19.316	ug/l	98
70) Styrene	10.653	104	61556	19.277	ug/l	98
71) Bromoform	10.799	173	13798	16.780	ug/l #	100
73) Isopropylbenzene	10.964	105	97757	19.112	ug/l	99
74) N-amyl acetate	10.842	43	46144	19.004	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	31958	19.179	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	27207m	18.644	ug/l	
77) Bromobenzene	11.195	156	23128	18.580	ug/l	98
78) n-propylbenzene	11.305	91	108432	19.310	ug/l	99
79) 2-Chlorotoluene	11.366	91	69779	19.329	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	81612	19.342	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9680	17.191	ug/l	94
82) 4-Chlorotoluene	11.451	91	77581	18.865	ug/l	100
83) tert-Butylbenzene	11.713	119	81917	18.844	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	81629	19.227	ug/l	99
85) sec-Butylbenzene	11.890	105	98293	19.074	ug/l	99
86) p-Isopropyltoluene	12.006	119	82300	19.142	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41459	18.907	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	41327	18.281	ug/l	98
89) n-Butylbenzene	12.329	91	67052	18.629	ug/l	98
90) Hexachloroethane	12.536	117	13875	17.208	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	42708	19.045	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7084	17.412	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	23441	18.132	ug/l	100
94) Hexachlorobutadiene	13.725	225	9524	18.584	ug/l	98
95) Naphthalene	13.774	128	84946	17.874	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24714	18.528	ug/l	99

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

