

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120924\
 Data File : VX044191.D
 Acq On : 09 Dec 2024 16:27
 Operator : JC/MD
 Sample : VX1209MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2024
 Supervised By : Mahesh Dadoda 12/10/2024

Quant Time: Dec 10 01:44:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	136350	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	258639	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	124428	53.205	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	106.420%		
35) Dibromofluoromethane	5.385	113	88854	48.078	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.160%		
50) Toluene-d8	8.647	98	300643	47.192	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.380%		
62) 4-Bromofluorobenzene	11.079	95	111713	51.526	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25210	14.595	ug/l	92
3) Chloromethane	1.294	50	28997	15.953	ug/l	98
4) Vinyl Chloride	1.374	62	31903	16.501	ug/l	99
5) Bromomethane	1.593	94	23389	19.665	ug/l	94
6) Chloroethane	1.660	64	21045	17.864	ug/l	94
7) Trichlorofluoromethane	1.868	101	60732	17.570	ug/l	95
8) Diethyl Ether	2.136	74	23777	18.873	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.313	101	28776	17.453	ug/l	96
10) Methyl Iodide	2.441	142	38900	18.890	ug/l	97
11) Tert butyl alcohol	3.001	59	29969	79.838	ug/l #	90
12) 1,1-Dichloroethene	2.306	96	26491	16.861	ug/l	99
13) Acrolein	2.239	56	27770	70.187	ug/l	97
14) Allyl chloride	2.654	41	44105	17.180	ug/l	94
15) Acrylonitrile	3.069	53	89491	97.830	ug/l	99
16) Acetone	2.392	43	91619	85.297	ug/l	99
17) Carbon Disulfide	2.495	76	39971	12.333	ug/l	100
18) Methyl Acetate	2.709	43	48562	19.414	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	113203	19.843	ug/l	98
20) Methylene Chloride	2.782	84	33172	18.199	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	27801	17.139	ug/l	98
22) Diisopropyl ether	3.764	45	109306	19.912	ug/l	91
23) Vinyl Acetate	3.721	43	445392	94.845	ug/l	100
24) 1,1-Dichloroethane	3.605	63	59244	18.707	ug/l	96
25) 2-Butanone	4.568	43	135832	98.007	ug/l	99
26) 2,2-Dichloropropane	4.471	77	50183	17.546	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	36417	18.162	ug/l	97
28) Bromochloromethane	4.891	49	30276	21.719	ug/l	96
29) Tetrahydrofuran	5.019	42	83966	98.822	ug/l	99
30) Chloroform	5.093	83	66948	19.655	ug/l	97
31) Cyclohexane	5.458	56	44199	16.957	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	55751	18.980	ug/l	98
36) 1,1-Dichloropropene	5.690	75	40302	17.500	ug/l	98
37) Ethyl Acetate	4.727	43	51669	18.074	ug/l	98
38) Carbon Tetrachloride	5.666	117	43120	16.663	ug/l	96
39) Methylcyclohexane	7.373	83	46789	15.639	ug/l	95
40) Benzene	6.031	78	126855	17.684	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	28496	19.476	ug/l	94
42) 1,2-Dichloroethane	6.086	62	53602	18.605	ug/l	100
43) Isopropyl Acetate	6.342	43	85309	18.751	ug/l	99
44) Trichloroethene	7.123	130	31206	15.367	ug/l	93
45) 1,2-Dichloropropane	7.428	63	31728	18.058	ug/l	97
46) Dibromomethane	7.580	93	25367	18.252	ug/l	99
47) Bromodichloromethane	7.824	83	44942	18.030	ug/l	94
48) Methyl methacrylate	7.696	41	39935	18.293	ug/l	99
49) 1,4-Dioxane	7.671	88	10765	276.832	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	287698	103.625	ug/l	98
52) Toluene	8.714	92	78997	18.399	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	43442	17.090	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	48804	17.514	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	32772	18.490	ug/l	97
56) Ethyl methacrylate	9.116	69	53139	19.249	ug/l	99
57) 1,3-Dichloropropane	9.305	76	57723	19.333	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	117664	77.155	ug/l	99
59) 2-Hexanone	9.433	43	213240	102.187	ug/l	98
60) Dibromochloromethane	9.519	129	30160	16.960	ug/l	98
61) 1,2-Dibromoethane	9.610	107	33920	18.927	ug/l	98
64) Tetrachloroethene	9.269	164	26194	17.610	ug/l	97
65) Chlorobenzene	10.079	112	89648	18.095	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	29342	18.262	ug/l	99
67) Ethyl Benzene	10.195	91	155249	18.493	ug/l	99
68) m/p-Xylenes	10.299	106	115206	36.799	ug/l	100
69) o-Xylene	10.640	106	59536	19.477	ug/l	98
70) Styrene	10.653	104	97004	19.187	ug/l	98
71) Bromoform	10.799	173	17209	15.505	ug/l #	97
73) Isopropylbenzene	10.963	105	152503	19.349	ug/l	100
74) N-amyl acetate	10.842	43	71636	19.619	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	53769	19.923	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	44051m	19.590	ug/l	
77) Bromobenzene	11.195	156	36885	19.618	ug/l	97
78) n-propylbenzene	11.305	91	169357	19.239	ug/l	99
79) 2-Chlorotoluene	11.366	91	108146	19.428	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	127352	19.640	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11920	14.465	ug/l #	79
82) 4-Chlorotoluene	11.451	91	121508	19.335	ug/l	98
83) tert-Butylbenzene	11.713	119	123604	19.231	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	129520	20.062	ug/l	95
85) sec-Butylbenzene	11.890	105	152652	19.385	ug/l	100
86) p-Isopropyltoluene	12.006	119	124411	19.450	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	62718	18.315	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	63250	18.116	ug/l	95
89) n-Butylbenzene	12.329	91	103866	18.417	ug/l	99
90) Hexachloroethane	12.536	117	17774	16.341	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	66093	19.125	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9586	17.727	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	35332	17.341	ug/l	99
94) Hexachlorobutadiene	13.725	225	14457	17.954	ug/l	98
95) Naphthalene	13.774	128	147572	20.121	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	37912	18.384	ug/l	97

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

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