

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044027.D
 Acq On : 27 Nov 2024 10:01
 Operator : JC/MD
 Sample : VX1127MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2024
 Supervised By : Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 00:40:19 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	5.544	168	117049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	213408	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	180534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	112812	56.193	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.380%			
35) Dibromofluoromethane	5.379	113	82300	53.970	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.940%			
50) Toluene-d8	8.647	98	275678	52.445	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.900%			
62) 4-Bromofluorobenzene	11.079	95	94593	52.877	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29493	19.890	ug/l	96
3) Chloromethane	1.294	50	32194	20.632	ug/l	97
4) Vinyl Chloride	1.374	62	33374	20.109	ug/l	96
5) Bromomethane	1.593	94	22254	21.796	ug/l	99
6) Chloroethane	1.666	64	23375	23.114	ug/l	93
7) Trichlorofluoromethane	1.874	101	58126	19.589	ug/l	100
8) Diethyl Ether	2.136	74	22576	20.874	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	29728	21.003	ug/l	98
10) Methyl Iodide	2.447	142	37751	21.355	ug/l	98
11) Tert butyl alcohol	2.995	59	33177	102.959	ug/l	98
12) 1,1-Dichloroethene	2.313	96	27113	20.102	ug/l	98
13) Acrolein	2.233	56	36531	107.555	ug/l	97
14) Allyl chloride	2.654	41	46166	20.948	ug/l	99
15) Acrylonitrile	3.062	53	83081	105.800	ug/l	98
16) Acetone	2.380	43	97031	105.232	ug/l	100
17) Carbon Disulfide	2.502	76	43931	15.791	ug/l	99
18) Methyl Acetate	2.703	43	44612	20.776	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	106173	21.680	ug/l	100
20) Methylene Chloride	2.782	84	33044	21.118	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	29589	21.249	ug/l	96
22) Diisopropyl ether	3.757	45	105456	22.378	ug/l	90
23) Vinyl Acetate	3.715	43	432700	107.336	ug/l	99
24) 1,1-Dichloroethane	3.605	63	59892	22.030	ug/l	97
25) 2-Butanone	4.556	43	122186	102.698	ug/l	96
26) 2,2-Dichloropropane	4.465	77	51281	20.887	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	36647	21.291	ug/l	100
28) Bromochloromethane	4.897	49	28002	23.400	ug/l	96
29) Tetrahydrofuran	5.007	42	72556	99.474	ug/l	100
30) Chloroform	5.086	83	63871	21.844	ug/l	90
31) Cyclohexane	5.458	56	43435	19.412	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	53013	21.024	ug/l	97
36) 1,1-Dichloropropene	5.690	75	39283	20.673	ug/l	97
37) Ethyl Acetate	4.715	43	46399	19.671	ug/l	99
38) Carbon Tetrachloride	5.672	117	41666	19.514	ug/l	99
39) Methylcyclohexane	7.373	83	47225	19.130	ug/l	91
40) Benzene	6.031	78	124383	21.014	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	24244	20.082	ug/l	95
42) 1,2-Dichloroethane	6.086	62	50239	21.134	ug/l	99
43) Isopropyl Acetate	6.336	43	76328	20.333	ug/l	99
44) Trichloroethene	7.123	130	29210	17.432	ug/l	97
45) 1,2-Dichloropropane	7.427	63	31193	21.517	ug/l	98
46) Dibromomethane	7.580	93	23934	20.871	ug/l	98
47) Bromodichloromethane	7.818	83	43072	20.942	ug/l	95
48) Methyl methacrylate	7.690	41	35290	19.592	ug/l	99
49) 1,4-Dioxane	7.665	88	11406	355.483	ug/l #	78
51) 4-Methyl-2-Pentanone	8.574	43	230763	100.734	ug/l	100
52) Toluene	8.714	92	75350	21.269	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	41407	19.742	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	45912	19.968	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	30065	20.558	ug/l	97
56) Ethyl methacrylate	9.116	69	45194	19.841	ug/l	96
57) 1,3-Dichloropropane	9.305	76	54055	21.942	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	102776	81.694	ug/l	98
59) 2-Hexanone	9.433	43	175748	102.070	ug/l	99
60) Dibromochloromethane	9.519	129	28628	19.511	ug/l	99
61) 1,2-Dibromoethane	9.604	107	30890	20.889	ug/l	98
64) Tetrachloroethene	9.269	164	25362	21.305	ug/l	97
65) Chlorobenzene	10.079	112	80377	20.271	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	27806	21.623	ug/l	98
67) Ethyl Benzene	10.189	91	141882	21.117	ug/l	99
68) m/p-Xylenes	10.299	106	103223	41.197	ug/l	99
69) o-Xylene	10.640	106	51685	21.127	ug/l	98
70) Styrene	10.652	104	85501	21.132	ug/l	99
71) Bromoform	10.799	173	16164	17.941	ug/l #	98
73) Isopropylbenzene	10.957	105	134811	21.679	ug/l	98
74) N-amyl acetate	10.841	43	59477	20.646	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	47230	22.181	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	37329m	21.041	ug/l	
77) Bromobenzene	11.195	156	31962	21.546	ug/l	98
78) n-propylbenzene	11.299	91	150068	21.607	ug/l	98
79) 2-Chlorotoluene	11.360	91	94225	21.455	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	110920	21.680	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	10986	16.898	ug/l	86
82) 4-Chlorotoluene	11.451	91	107003	21.581	ug/l	99
83) tert-Butylbenzene	11.713	119	110597	21.810	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	113599	22.302	ug/l	98
85) sec-Butylbenzene	11.890	105	132835	21.380	ug/l	99
86) p-Isopropyltoluene	12.006	119	110582	21.911	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	55405	20.506	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	55852	20.276	ug/l	96
89) n-Butylbenzene	12.329	91	92633	20.818	ug/l	100
90) Hexachloroethane	12.536	117	15995	18.638	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	57713	21.166	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8177	19.165	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	32032	19.927	ug/l	96
94) Hexachlorobutadiene	13.725	225	13295	20.926	ug/l	96
95) Naphthalene	13.774	128	116464	20.126	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	32158	19.765	ug/l	94

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

