

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044042.D
 Acq On : 27 Nov 2024 15:48
 Operator : JC/MD
 Sample : VX1127MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127MBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 00:50:56 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	124712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	242021	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	206264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	113868	53.234	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.460%
35) Dibromofluoromethane	5.385	113	79421	45.925	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.860%
50) Toluene-d8	8.647	98	277901	46.618	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.240%
62) 4-Bromofluorobenzene	11.079	95	95755	47.198	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	26863	17.003	ug/l	95
3) Chloromethane	1.295	50	27726	16.677	ug/l	99
4) Vinyl Chloride	1.374	62	29757	16.828	ug/l	99
5) Bromomethane	1.599	94	22326	20.523	ug/l	97
6) Chloroethane	1.673	64	21139	19.618	ug/l	95
7) Trichlorofluoromethane	1.874	101	56453	17.856	ug/l	99
8) Diethyl Ether	2.130	74	21697	18.829	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	28215	18.709	ug/l	97
10) Methyl Iodide	2.447	142	35538	18.868	ug/l	96
11) Tert butyl alcohol	2.977	59	31003	90.300	ug/l	96
12) 1,1-Dichloroethene	2.313	96	25707	17.889	ug/l	95
13) Acrolein	2.233	56	40293	111.342	ug/l	100
14) Allyl chloride	2.660	41	44485	18.945	ug/l	97
15) Acrylonitrile	3.063	53	83682	100.017	ug/l	99
16) Acetone	2.380	43	77338	78.721	ug/l	99
17) Carbon Disulfide	2.502	76	42185	14.231	ug/l	99
18) Methyl Acetate	2.703	43	47718	20.857	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	108831	20.857	ug/l	98
20) Methylene Chloride	2.782	84	30675	18.399	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	27145	18.296	ug/l	98
22) Diisopropyl ether	3.758	45	104329	20.778	ug/l #	86
23) Vinyl Acetate	3.721	43	429054	99.892	ug/l	99
24) 1,1-Dichloroethane	3.605	63	55600	19.195	ug/l	100
25) 2-Butanone	4.556	43	119641	94.380	ug/l	97
26) 2,2-Dichloropropane	4.471	77	47096	18.003	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	35089	19.133	ug/l	98
28) Bromochloromethane	4.891	49	23998	18.822	ug/l	100
29) Tetrahydrofuran	5.001	42	77252	99.404	ug/l	99
30) Chloroform	5.087	83	64418	20.677	ug/l	96
31) Cyclohexane	5.458	56	43498	18.246	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	54125	20.146	ug/l	99
36) 1,1-Dichloropropene	5.684	75	38420	17.828	ug/l	97
37) Ethyl Acetate	4.715	43	48443	18.109	ug/l	99
38) Carbon Tetrachloride	5.672	117	41228	17.026	ug/l	89
39) Methylcyclohexane	7.379	83	44816	16.008	ug/l	98
40) Benzene	6.038	78	118846	17.705	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	24663	18.014	ug/l	91
42) 1,2-Dichloroethane	6.086	62	50778	18.835	ug/l	100
43) Isopropyl Acetate	6.336	43	82135	19.293	ug/l	97
44) Trichloroethene	7.117	130	28603	15.052	ug/l	95
45) 1,2-Dichloropropane	7.428	63	28650	17.426	ug/l	97
46) Dibromomethane	7.580	93	23671	18.201	ug/l	97
47) Bromodichloromethane	7.818	83	41950	17.985	ug/l	95
48) Methyl methacrylate	7.690	41	37043	18.134	ug/l	96
49) 1,4-Dioxane	7.665	88	9887	271.711	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	251441	96.784	ug/l	98
52) Toluene	8.714	92	73218	18.224	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	42711	17.957	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	45897	17.602	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	29819	17.979	ug/l	98
56) Ethyl methacrylate	9.116	69	48687	18.847	ug/l	97
57) 1,3-Dichloropropane	9.305	76	53200	19.042	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	115950	81.268	ug/l	98
59) 2-Hexanone	9.427	43	180692	92.535	ug/l	99
60) Dibromochloromethane	9.519	129	28954	17.400	ug/l	100
61) 1,2-Dibromoethane	9.610	107	31680	18.891	ug/l	97
64) Tetrachloroethene	9.269	164	24457	17.982	ug/l	94
65) Chlorobenzene	10.080	112	80638	17.800	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	26003	17.699	ug/l	96
67) Ethyl Benzene	10.189	91	142083	18.509	ug/l	95
68) m/p-Xylenes	10.299	106	103849	36.277	ug/l	99
69) o-Xylene	10.640	106	51602	18.462	ug/l	97
70) Styrene	10.653	104	84614	18.304	ug/l	97
71) Bromoform	10.799	173	15393	15.199	ug/l #	98
73) Isopropylbenzene	10.957	105	134556	19.918	ug/l	99
74) N-amyl acetate	10.842	43	62605	20.004	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	44159	19.090	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	38392m	19.920	ug/l	
77) Bromobenzene	11.195	156	30617	18.998	ug/l	98
78) n-propylbenzene	11.305	91	146856	19.464	ug/l	99
79) 2-Chlorotoluene	11.360	91	91164	19.108	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	110929	19.959	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10951	15.505	ug/l	88
82) 4-Chlorotoluene	11.451	91	104626	19.424	ug/l	98
83) tert-Butylbenzene	11.713	119	108119	19.626	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	111371	20.127	ug/l	99
85) sec-Butylbenzene	11.890	105	130881	19.391	ug/l	99
86) p-Isopropyltoluene	12.006	119	109924	20.050	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	53742	18.310	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	55491	18.544	ug/l	97
89) n-Butylbenzene	12.329	91	91769	18.985	ug/l	99
90) Hexachloroethane	12.536	117	16009	17.172	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	54757	18.486	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8563	18.475	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	29467	16.874	ug/l	98
94) Hexachlorobutadiene	13.725	225	11673	16.913	ug/l	99
95) Naphthalene	13.774	128	175821	27.969	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	31235	17.671	ug/l	95

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

