

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101424\
 Data File : VX043379.D
 Acq On : 14 Oct 2024 14:02
 Operator : JC/MD
 Sample : VX1014MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014MBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/15/2024
 Supervised By : Mahesh Dadoda 10/15/2024

Quant Time: Oct 15 01:45:40 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	5.544	168	95592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	167632	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78969	50.583	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.160%			
35) Dibromofluoromethane	5.385	113	56870	49.193	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.380%			
50) Toluene-d8	8.647	98	192094	47.948	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.900%			
62) 4-Bromofluorobenzene	11.079	95	72945	50.119	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20622	18.546	ug/l	100
3) Chloromethane	1.294	50	20618	18.004	ug/l	99
4) Vinyl Chloride	1.374	62	20975	18.286	ug/l	100
5) Bromomethane	1.599	94	8829	18.840	ug/l	96
6) Chloroethane	1.666	64	7690	18.003	ug/l	99
7) Trichlorofluoromethane	1.867	101	32403	18.906	ug/l	97
8) Diethyl Ether	2.136	74	12875	19.304	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	20801	19.449	ug/l	98
10) Methyl Iodide	2.447	142	25130	18.707	ug/l	99
11) Tert butyl alcohol	3.001	59	30279m	101.922	ug/l	
12) 1,1-Dichloroethene	2.313	96	19759	18.604	ug/l	94
13) Acrolein	2.239	56	24815	88.438	ug/l	99
14) Allyl chloride	2.654	41	34402	19.716	ug/l	99
15) Acrylonitrile	3.068	53	60007	98.920	ug/l	99
16) Acetone	2.392	43	67916	104.173	ug/l	98
17) Carbon Disulfide	2.502	76	41741	16.158	ug/l	99
18) Methyl Acetate	2.709	43	31043	18.981	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	79014	20.795	ug/l	100
20) Methylene Chloride	2.788	84	22226	18.490	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	20790	19.669	ug/l	91
22) Diisopropyl ether	3.764	45	72228	20.580	ug/l	94
23) Vinyl Acetate	3.721	43	287509m	78.416	ug/l	
24) 1,1-Dichloroethane	3.605	63	41021	20.063	ug/l	98
25) 2-Butanone	4.562	43	94419	105.624	ug/l	98
26) 2,2-Dichloropropane	4.471	77	38895	19.994	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	26054	19.764	ug/l	98
28) Bromochloromethane	4.891	49	16264	20.163	ug/l	99
29) Tetrahydrofuran	5.007	42	57323	100.661	ug/l	99
30) Chloroform	5.086	83	44119	19.649	ug/l	96
31) Cyclohexane	5.464	56	33495	19.884	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	40228	19.506	ug/l	99
36) 1,1-Dichloropropene	5.690	75	28462	19.488	ug/l	99
37) Ethyl Acetate	4.715	43	35456	20.216	ug/l	99
38) Carbon Tetrachloride	5.672	117	33009	19.092	ug/l	95
39) Methylcyclohexane	7.373	83	36838	20.055	ug/l	99
40) Benzene	6.031	78	86838	19.611	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	18512	20.277	ug/l	99
42) 1,2-Dichloroethane	6.080	62	37420	20.738	ug/l	99
43) Isopropyl Acetate	6.342	43	58310	20.129	ug/l	99
44) Trichloroethene	7.123	130	23211	19.763	ug/l	95
45) 1,2-Dichloropropane	7.427	63	21255	19.560	ug/l	98
46) Dibromomethane	7.580	93	17130	19.672	ug/l	99
47) Bromodichloromethane	7.818	83	32775	19.145	ug/l	98
48) Methyl methacrylate	7.690	41	28062	19.743	ug/l	100
49) 1,4-Dioxane	7.665	88	11007	398.373	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	175119	99.533	ug/l	98
52) Toluene	8.714	92	55031	19.830	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	33741	19.834	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	35663	19.546	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	22353	20.267	ug/l	98
56) Ethyl methacrylate	9.116	69	36450	20.215	ug/l	99
57) 1,3-Dichloropropane	9.305	76	38333	20.407	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	84631	104.126	ug/l	99
59) 2-Hexanone	9.427	43	135660	101.962	ug/l	100
60) Dibromochloromethane	9.519	129	23902	18.681	ug/l	100
61) 1,2-Dibromoethane	9.610	107	23890	20.161	ug/l	99
64) Tetrachloroethene	9.269	164	20032	20.117	ug/l	93
65) Chlorobenzene	10.079	112	59733	19.361	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21128	19.367	ug/l	96
67) Ethyl Benzene	10.189	91	104444	19.586	ug/l	100
68) m/p-Xylenes	10.299	106	77323	38.368	ug/l	98
69) o-Xylene	10.640	106	38798	19.374	ug/l	99
70) Styrene	10.653	104	64472	19.865	ug/l	100
71) Bromoform	10.799	173	15385	18.409	ug/l #	97
73) Isopropylbenzene	10.963	105	102067	19.596	ug/l	99
74) N-amyl acetate	10.842	43	47118	19.057	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	33628	19.819	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	28491m	19.173	ug/l	
77) Bromobenzene	11.201	156	24118	19.028	ug/l	99
78) n-propylbenzene	11.305	91	111251	19.457	ug/l	99
79) 2-Chlorotoluene	11.360	91	71096	19.341	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	84472	19.661	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10510	18.330	ug/l	95
82) 4-Chlorotoluene	11.451	91	80206	19.153	ug/l	99
83) tert-Butylbenzene	11.713	119	85008	19.205	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	84353	19.512	ug/l	98
85) sec-Butylbenzene	11.890	105	102957	19.621	ug/l	99
86) p-Isopropyltoluene	12.006	119	87149	19.906	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	43227	19.360	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	43175	18.755	ug/l	97
89) n-Butylbenzene	12.329	91	71880	19.612	ug/l	98
90) Hexachloroethane	12.536	117	14429	17.574	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	43836	19.197	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7550	18.225	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	25815	19.610	ug/l	100
94) Hexachlorobutadiene	13.725	225	10396	19.921	ug/l	99
95) Naphthalene	13.774	128	96869	20.017	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26736	19.685	ug/l	98

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

