

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082124\
 Data File : VX043078.D
 Acq On : 21 Aug 2024 11:06
 Operator : JC/MD
 Sample : VX0821MBS01
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

Quant Time: Aug 22 03:28:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	145282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	280670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	126644	66.340	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 132.680%#			
35) Dibromofluoromethane	5.385	113	95529	55.018	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.040%			
50) Toluene-d8	8.647	98	342727	51.133	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.260%			
62) 4-Bromofluorobenzene	11.079	95	124876	51.382	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	28861	19.649	ug/l	97
3) Chloromethane	1.294	50	46600	21.432	ug/l	100
4) Vinyl Chloride	1.374	62	39407	18.044	ug/l	99
5) Bromomethane	1.599	94	11860	17.922	ug/l	99
6) Chloroethane	1.666	64	12756	18.532	ug/l	99
7) Trichlorofluoromethane	1.874	101	39960	17.500	ug/l	100
8) Diethyl Ether	2.136	74	19107	18.088	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	32084	19.647	ug/l	96
10) Methyl Iodide	2.447	142	38987	21.260	ug/l	88
11) Tert butyl alcohol	2.995	59	61140	124.131	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	35634	20.335	ug/l	91
13) Acrolein	2.239	56	45804	91.987	ug/l	96
14) Allyl chloride	2.660	41	75261	22.915	ug/l	92
15) Acrylonitrile	3.069	53	139555	114.394	ug/l	99
16) Acetone	2.392	43	113014	119.360	ug/l	91
17) Carbon Disulfide	2.502	76	96603	19.223	ug/l	100
18) Methyl Acetate	2.709	43	82661	26.419	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	141193	23.907	ug/l	96
20) Methylene Chloride	2.788	84	45257	20.670	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	36651	20.055	ug/l	95
22) Diisopropyl ether	3.764	45	155668	23.211	ug/l	97
23) Vinyl Acetate	3.721	43	879133	112.440	ug/l	100
24) 1,1-Dichloroethane	3.605	63	78093	23.087	ug/l	99
25) 2-Butanone	4.568	43	194459	117.157	ug/l	98
26) 2,2-Dichloropropane	4.471	77	30502	11.319	ug/l	92
27) cis-1,2-Dichloroethene	4.483	96	47126	21.364	ug/l	93
28) Bromochloromethane	4.904	49	35819	23.407	ug/l	94
29) Tetrahydrofuran	5.013	42	130193	113.170	ug/l	99
30) Chloroform	5.093	83	75287	23.170	ug/l	100
31) Cyclohexane	5.464	56	64062	20.137	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	60866	22.438	ug/l	99
36) 1,1-Dichloropropene	5.690	75	47789	19.811	ug/l	99
37) Ethyl Acetate	4.721	43	75724	22.285	ug/l	99
38) Carbon Tetrachloride	5.678	117	48226	19.772	ug/l	96
39) Methylcyclohexane	7.379	83	60096	17.995	ug/l	98
40) Benzene	6.031	78	166813	20.299	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	41706	23.288	ug/l	96
42) 1,2-Dichloroethane	6.086	62	58326	24.400	ug/l	95
43) Isopropyl Acetate	6.342	43	121764	22.209	ug/l	98
44) Trichloroethene	7.123	130	36359	19.538	ug/l	98
45) 1,2-Dichloropropane	7.434	63	44662	22.084	ug/l	98
46) Dibromomethane	7.580	93	29300	21.189	ug/l	98
47) Bromodichloromethane	7.824	83	59743	22.252	ug/l	96
48) Methyl methacrylate	7.696	41	57982	22.409	ug/l	95
49) 1,4-Dioxane	7.665	88	23208	433.519	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	385110	110.528	ug/l	100
52) Toluene	8.714	92	97837	19.709	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	55026	18.768	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	60943	18.899	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	40676	20.861	ug/l	94
56) Ethyl methacrylate	9.116	69	74286	21.039	ug/l	99
57) 1,3-Dichloropropane	9.305	76	72505	21.942	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	182943	110.415	ug/l	95
59) 2-Hexanone	9.433	43	291224	108.767	ug/l	98
60) Dibromochloromethane	9.519	129	42062	20.458	ug/l	98
61) 1,2-Dibromoethane	9.610	107	40764	20.731	ug/l	98
64) Tetrachloroethene	9.275	164	32053	21.279	ug/l	94
65) Chlorobenzene	10.079	112	101686	20.194	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	35683	21.030	ug/l	98
67) Ethyl Benzene	10.195	91	178996	20.456	ug/l	100
68) m/p-Xylenes	10.299	106	132955	39.513	ug/l	99
69) o-Xylene	10.640	106	67720	20.033	ug/l	100
70) Styrene	10.659	104	110429	19.484	ug/l	98
71) Bromoform	10.799	173	29610	21.012	ug/l #	98
73) Isopropylbenzene	10.963	105	166154	21.174	ug/l	97
74) N-amyl acetate	10.842	43	99120	22.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	65771	21.775	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	53557m	22.717	ug/l	
77) Bromobenzene	11.195	156	38906	20.638	ug/l	96
78) n-propylbenzene	11.305	91	186917	20.901	ug/l	98
79) 2-Chlorotoluene	11.366	91	120571	21.663	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	135322	20.934	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	17633	16.314	ug/l	89
82) 4-Chlorotoluene	11.451	91	133742	21.564	ug/l	99
83) tert-Butylbenzene	11.713	119	137364	20.532	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	136558	20.940	ug/l	97
85) sec-Butylbenzene	11.890	105	165571	20.387	ug/l	100
86) p-Isopropyltoluene	12.006	119	132968	20.040	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	68122	20.097	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	68434	19.732	ug/l	100
89) n-Butylbenzene	12.329	91	110476	19.234	ug/l	99
90) Hexachloroethane	12.536	117	26979	20.244	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	69466	20.326	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14469	24.486	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	36773	19.116	ug/l	99
94) Hexachlorobutadiene	13.725	225	14852	20.690	ug/l	96
95) Naphthalene	13.774	128	155371	20.451	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	40348	20.507	ug/l	98

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

