

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043113.D
 Acq On : 24 Sep 2024 11:12
 Operator : JC/MD
 Sample : VX0924MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924MBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

09/25/2024
 Supervised By :Mahesh
 Dadoda

Quant Time: Sep 25 01:22:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	113113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	193010	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85478	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90812	48.334	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.660%
35) Dibromofluoromethane	5.379	113	67627	49.669	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.340%
50) Toluene-d8	8.647	98	230677	50.077	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.160%
62) 4-Bromofluorobenzene	11.079	95	92266	49.737	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.480%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	20822	17.262	ug/l	100
3) Chloromethane	1.301	50	20122	16.339	ug/l	94
4) Vinyl Chloride	1.374	62	21150	16.907	ug/l	94
5) Bromomethane	1.605	94	15004	20.848	ug/l	97
6) Chloroethane	1.691	64	14074	17.572	ug/l	98
7) Trichlorofluoromethane	1.886	101	38879	17.509	ug/l	97
8) Diethyl Ether	2.136	74	13732	18.419	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	22673	18.091	ug/l	99
10) Methyl Iodide	2.453	142	26589	17.850	ug/l	100
11) Tert butyl alcohol	2.953	59	40964	97.649	ug/l	99
12) 1,1-Dichloroethene	2.319	96	21195	17.680	ug/l	97
13) Acrolein	2.239	56	3617	65.444	ug/l	92
14) Allyl chloride	2.666	41	39038	17.537	ug/l	99
15) Acrylonitrile	3.062	53	68247	93.786	ug/l	99
16) Acetone	2.380	43	69974	79.636	ug/l	98
17) Carbon Disulfide	2.514	76	49868	16.735	ug/l	100
18) Methyl Acetate	2.703	43	47719	20.177	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	84736	18.551	ug/l	99
20) Methylene Chloride	2.788	84	24475	17.508	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	22100	17.816	ug/l	93
22) Diisopropyl ether	3.757	45	76672	18.395	ug/l #	82
23) Vinyl Acetate	3.721	43	455436	92.886	ug/l	100
24) 1,1-Dichloroethane	3.611	63	43306	17.970	ug/l	98
25) 2-Butanone	4.550	43	102517	90.509	ug/l	98
26) 2,2-Dichloropropane	4.471	77	42469	17.412	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	28265	18.304	ug/l	98
28) Bromochloromethane	4.898	49	24953	23.522	ug/l	98
29) Tetrahydrofuran	5.001	42	63328	92.968	ug/l	99
30) Chloroform	5.093	83	48271	18.167	ug/l	95
31) Cyclohexane	5.465	56	32512	17.596	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	43982	17.474	ug/l	99
36) 1,1-Dichloropropene	5.690	75	29993	17.927	ug/l	99
37) Ethyl Acetate	4.715	43	38531	18.335	ug/l	99
38) Carbon Tetrachloride	5.678	117	37000	17.168	ug/l	98
39) Methylcyclohexane	7.379	83	37288	17.759	ug/l	99
40) Benzene	6.038	78	90886	18.410	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21427	20.510	ug/l	98
42) 1,2-Dichloroethane	6.086	62	39267	18.733	ug/l	99
43) Isopropyl Acetate	6.336	43	65777	18.740	ug/l	100
44) Trichloroethene	7.123	130	24439	18.093	ug/l	96
45) 1,2-Dichloropropane	7.428	63	23132	18.812	ug/l	97
46) Dibromomethane	7.580	93	19428	18.764	ug/l	99
47) Bromodichloromethane	7.818	83	40529	18.824	ug/l	98
48) Methyl methacrylate	7.690	41	32011	18.567	ug/l	98
49) 1,4-Dioxane	7.653	88	14083	432.710	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	204664	94.914	ug/l	99
52) Toluene	8.720	92	59555	18.732	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	41196	18.639	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	41283	18.703	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	24909	19.029	ug/l	96
56) Ethyl methacrylate	9.116	69	43293	19.006	ug/l	100
57) 1,3-Dichloropropane	9.305	76	42142	18.928	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	80740	87.664	ug/l	100
59) 2-Hexanone	9.427	43	161811	95.969	ug/l	100
60) Dibromochloromethane	9.519	129	31656	18.518	ug/l	98
61) 1,2-Dibromoethane	9.610	107	27154	18.958	ug/l	99
64) Tetrachloroethene	9.269	164	23023	18.256	ug/l	92
65) Chlorobenzene	10.080	112	69610	18.539	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	25774	18.610	ug/l	99
67) Ethyl Benzene	10.195	91	119807	18.446	ug/l	98
68) m/p-Xylenes	10.299	106	89107	36.866	ug/l	100
69) o-Xylene	10.640	106	44174	18.221	ug/l	99
70) Styrene	10.653	104	75369	18.638	ug/l	100
71) Bromoform	10.799	173	22134	18.171	ug/l #	100
73) Isopropylbenzene	10.964	105	119027	18.568	ug/l	100
74) N-amyl acetate	10.842	43	56432	18.736	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	39719	19.255	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	34027m	18.724	ug/l	
77) Bromobenzene	11.195	156	28929	18.798	ug/l	99
78) n-propylbenzene	11.305	91	136027	18.703	ug/l	99
79) 2-Chlorotoluene	11.360	91	82881	18.169	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	98529	18.577	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	14448	18.942	ug/l	96
82) 4-Chlorotoluene	11.451	91	96955	18.595	ug/l	100
83) tert-Butylbenzene	11.713	119	100233	18.340	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	98251	18.620	ug/l	98
85) sec-Butylbenzene	11.890	105	123532	18.391	ug/l	100
86) p-Isopropyltoluene	12.006	119	104006	18.650	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	53669	19.126	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	53101	18.871	ug/l	99
89) n-Butylbenzene	12.329	91	92390	19.010	ug/l	99
90) Hexachloroethane	12.536	117	20257	18.227	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	52297	18.925	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9893	17.739	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	32810	19.151	ug/l	99
94) Hexachlorobutadiene	13.725	225	13231	18.381	ug/l	99
95) Naphthalene	13.774	128	112566	18.903	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	31185	18.320	ug/l	100

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

09/25/2024

Abundance

