

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120924\
 Data File : VX044183.D
 Acq On : 09 Dec 2024 13:20
 Operator : JC/MD
 Sample : VX1209MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2024
 Supervised By : Mahesh Dadoda 12/10/2024

Quant Time: Dec 10 01:40:52 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	5.550	168	135780	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	249450	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100821	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	123739	53.133	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.260%
35) Dibromofluoromethane	5.385	113	88525	49.665	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.320%
50) Toluene-d8	8.647	98	299742	48.784	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.560%
62) 4-Bromofluorobenzene	11.079	95	108119	51.705	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.420%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	24645	14.328	ug/l	99
3) Chloromethane	1.294	50	27560	15.226	ug/l	100
4) Vinyl Chloride	1.374	62	30038	15.602	ug/l	97
5) Bromomethane	1.593	94	22351	18.871	ug/l	97
6) Chloroethane	1.660	64	19882	16.948	ug/l	96
7) Trichlorofluoromethane	1.867	101	59217	17.204	ug/l	92
8) Diethyl Ether	2.136	74	23008	18.339	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.312	101	27534	16.769	ug/l	97
10) Methyl Iodide	2.440	142	36587	17.842	ug/l	99
11) Tert butyl alcohol	3.001	59	33696	90.144	ug/l	96
12) 1,1-Dichloroethene	2.306	96	26207	16.750	ug/l	97
13) Acrolein	2.239	56	28131	71.398	ug/l	99
14) Allyl chloride	2.654	41	44029	17.222	ug/l	97
15) Acrylonitrile	3.068	53	85545	93.909	ug/l	97
16) Acetone	2.386	43	97269	90.937	ug/l	99
17) Carbon Disulfide	2.495	76	37954	11.760	ug/l	98
18) Methyl Acetate	2.709	43	47829	19.201	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	108757	19.144	ug/l	98
20) Methylene Chloride	2.782	84	31688	17.458	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	27120	16.789	ug/l	95
22) Diisopropyl ether	3.763	45	105535	19.305	ug/l	92
23) Vinyl Acetate	3.721	43	432349	92.454	ug/l	99
24) 1,1-Dichloroethane	3.605	63	58488	18.546	ug/l	98
25) 2-Butanone	4.568	43	134372	97.360	ug/l	98
26) 2,2-Dichloropropane	4.471	77	49638	17.428	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	36054	18.057	ug/l	99
28) Bromochloromethane	4.897	49	22507	16.214	ug/l	99
29) Tetrahydrofuran	5.013	42	80363	94.978	ug/l	99
30) Chloroform	5.086	83	64261	18.946	ug/l	100
31) Cyclohexane	5.458	56	45680	17.599	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	54322	18.572	ug/l	98
36) 1,1-Dichloropropene	5.684	75	39152	17.627	ug/l	99
37) Ethyl Acetate	4.721	43	46964	17.033	ug/l	100
38) Carbon Tetrachloride	5.672	117	42549	17.049	ug/l	99
39) Methylcyclohexane	7.379	83	48787	16.907	ug/l	96
40) Benzene	6.031	78	124224	17.955	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25492	18.065	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	52280	18.815	ug/l	99
43) Isopropyl Acetate	6.342	43	83354	18.997	ug/l	100
44) Trichloroethene	7.123	130	30755	15.703	ug/l	89
45) 1,2-Dichloropropane	7.427	63	31987	18.876	ug/l	97
46) Dibromomethane	7.580	93	25488	19.014	ug/l	95
47) Bromodichloromethane	7.818	83	42909	17.848	ug/l	98
48) Methyl methacrylate	7.696	41	39629	18.822	ug/l	97
49) 1,4-Dioxane	7.671	88	12706	338.783	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	272655	101.824	ug/l	100
52) Toluene	8.714	92	77816	18.791	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	42491	17.332	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	47635	17.724	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	32933	19.266	ug/l	96
56) Ethyl methacrylate	9.116	69	51331	19.279	ug/l	99
57) 1,3-Dichloropropane	9.311	76	56824	19.733	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	117094	79.619	ug/l	99
59) 2-Hexanone	9.433	43	203433	101.078	ug/l	100
60) Dibromochloromethane	9.518	129	29185	17.016	ug/l	100
61) 1,2-Dibromoethane	9.610	107	32525	18.817	ug/l	99
64) Tetrachloroethene	9.269	164	26334	18.419	ug/l	98
65) Chlorobenzene	10.079	112	86193	18.099	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	28232	18.280	ug/l	98
67) Ethyl Benzene	10.195	91	152634	18.915	ug/l	98
68) m/p-Xylenes	10.299	106	110011	36.557	ug/l	97
69) o-Xylene	10.640	106	55811	18.995	ug/l	98
70) Styrene	10.659	104	92374	19.009	ug/l	98
71) Bromoform	10.799	173	16668	15.613	ug/l #	98
73) Isopropylbenzene	10.963	105	147424	19.022	ug/l	99
74) N-amyl acetate	10.841	43	69390	19.328	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	51936	19.571	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	41547m	18.791	ug/l	
77) Bromobenzene	11.195	156	35323	19.106	ug/l	98
78) n-propylbenzene	11.305	91	168076	19.418	ug/l	99
79) 2-Chlorotoluene	11.366	91	104329	19.061	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	123173	19.318	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	12126	14.966	ug/l	88
82) 4-Chlorotoluene	11.457	91	118064	19.107	ug/l	99
83) tert-Butylbenzene	11.713	119	120868	19.126	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	124591	19.627	ug/l	99
85) sec-Butylbenzene	11.890	105	149825	19.350	ug/l	99
86) p-Isopropyltoluene	12.006	119	126138	20.055	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	63047	18.724	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	62213	18.122	ug/l	95
89) n-Butylbenzene	12.329	91	109326	19.715	ug/l	99
90) Hexachloroethane	12.536	117	16344	15.282	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	64204	18.894	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9386	17.652	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	36188	18.064	ug/l	97
94) Hexachlorobutadiene	13.725	225	14034	17.725	ug/l	96
95) Naphthalene	13.774	128	144857	20.087	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	38151	18.815	ug/l	95

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

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