

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101424\
 Data File : VX043378.D
 Acq On : 14 Oct 2024 13:33
 Operator : JC/MD
 Sample : VX1014MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014MBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 01:44:44 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	5.550	168	102565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	178800	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83739	49.992	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.980%		
35) Dibromofluoromethane	5.385	113	61172	49.609	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.220%		
50) Toluene-d8	8.647	98	207589	48.580	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.160%		
62) 4-Bromofluorobenzene	11.079	95	77893	50.175	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22147	18.564	ug/l	95
3) Chloromethane	1.294	50	23098	18.799	ug/l	100
4) Vinyl Chloride	1.374	62	23774	19.317	ug/l	97
5) Bromomethane	1.599	94	9558	19.009	ug/l	99
6) Chloroethane	1.666	64	8195	17.881	ug/l	97
7) Trichlorofluoromethane	1.868	101	34600	18.816	ug/l	99
8) Diethyl Ether	2.136	74	13737	19.196	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	22344	19.471	ug/l	97
10) Methyl Iodide	2.447	142	25982	18.026	ug/l	98
11) Tert butyl alcohol	3.001	59	33177m	104.084	ug/l	
12) 1,1-Dichloroethene	2.313	96	21029	18.454	ug/l	99
13) Acrolein	2.239	56	26390	87.657	ug/l	99
14) Allyl chloride	2.660	41	36448	19.468	ug/l	98
15) Acrylonitrile	3.069	53	62830	96.532	ug/l	99
16) Acetone	2.392	43	73865	105.595	ug/l	98
17) Carbon Disulfide	2.502	76	45100	16.271	ug/l	99
18) Methyl Acetate	2.709	43	32840	18.714	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	81914	20.092	ug/l	99
20) Methylene Chloride	2.788	84	24435	18.946	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	21831	19.249	ug/l	98
22) Diisopropyl ether	3.764	45	77879	20.682	ug/l	96
23) Vinyl Acetate	3.721	43	298173m	76.050	ug/l	
24) 1,1-Dichloroethane	3.605	63	43450	19.806	ug/l	99
25) 2-Butanone	4.562	43	99302	103.534	ug/l	97
26) 2,2-Dichloropropane	4.477	77	43057	20.629	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	27623	19.530	ug/l	99
28) Bromochloromethane	4.897	49	17622	20.361	ug/l	96
29) Tetrahydrofuran	5.007	42	59434	97.272	ug/l	100
30) Chloroform	5.093	83	48023	19.934	ug/l	98
31) Cyclohexane	5.464	56	35238	19.496	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	44048	19.906	ug/l	99
36) 1,1-Dichloropropene	5.690	75	30233	19.408	ug/l	99
37) Ethyl Acetate	4.721	43	35914	19.198	ug/l	99
38) Carbon Tetrachloride	5.672	117	35256	19.118	ug/l	96
39) Methylcyclohexane	7.379	83	38663	19.734	ug/l	95
40) Benzene	6.031	78	93073	19.706	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	19593	20.120	ug/l	97
42) 1,2-Dichloroethane	6.086	62	39265	20.402	ug/l	100
43) Isopropyl Acetate	6.342	43	61497	19.903	ug/l	100
44) Trichloroethene	7.123	130	24172	19.296	ug/l	94
45) 1,2-Dichloropropane	7.428	63	23192	20.010	ug/l	98
46) Dibromomethane	7.580	93	18281	19.683	ug/l	99
47) Bromodichloromethane	7.824	83	35478	19.430	ug/l	99
48) Methyl methacrylate	7.696	41	30150	19.887	ug/l	96
49) 1,4-Dioxane	7.665	88	12290	417.026	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	188224	100.299	ug/l	100
52) Toluene	8.720	92	59329	20.043	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	36397	20.059	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	38485	19.775	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	23977	20.382	ug/l	99
56) Ethyl methacrylate	9.116	69	38254	19.890	ug/l	99
57) 1,3-Dichloropropane	9.305	76	41284	20.605	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	89099	102.776	ug/l	99
59) 2-Hexanone	9.433	43	144822	102.050	ug/l	99
60) Dibromochloromethane	9.519	129	25280	18.524	ug/l	100
61) 1,2-Dibromoethane	9.610	107	25411	20.105	ug/l	100
64) Tetrachloroethene	9.269	164	21618	20.389	ug/l	95
65) Chlorobenzene	10.079	112	64383	19.599	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	22709	19.550	ug/l	98
67) Ethyl Benzene	10.195	91	113540	19.996	ug/l	98
68) m/p-Xylenes	10.299	106	83982	39.138	ug/l	97
69) o-Xylene	10.640	106	41891	19.646	ug/l	99
70) Styrene	10.653	104	68450	19.808	ug/l	100
71) Bromoform	10.799	173	15831	17.791	ug/l #	100
73) Isopropylbenzene	10.963	105	108466	19.518	ug/l	99
74) N-amyl acetate	10.842	43	50354	19.087	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	35445	19.579	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	30650m	19.332	ug/l	
77) Bromobenzene	11.195	156	25767	19.053	ug/l	99
78) n-propylbenzene	11.305	91	121027	19.838	ug/l	100
79) 2-Chlorotoluene	11.366	91	76318	19.458	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	91078	19.868	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	11078	18.108	ug/l	94
82) 4-Chlorotoluene	11.451	91	86354	19.327	ug/l	99
83) tert-Butylbenzene	11.713	119	91599	19.395	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	91323	19.799	ug/l	98
85) sec-Butylbenzene	11.890	105	109606	19.577	ug/l	100
86) p-Isopropyltoluene	12.006	119	92943	19.898	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	46195	19.391	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	45453	18.506	ug/l	98
89) n-Butylbenzene	12.329	91	77238	19.751	ug/l	98
90) Hexachloroethane	12.536	117	15628	17.840	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	47481	19.488	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8362	18.918	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	26956	19.192	ug/l	99
94) Hexachlorobutadiene	13.725	225	10938	19.644	ug/l	95
95) Naphthalene	13.774	128	99060	19.185	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28384	19.586	ug/l	99

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

