

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101524\
 Data File : VX043408.D
 Acq On : 15 Oct 2024 16:15
 Operator : JC/MD
 Sample : VX1015MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015MBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/16/2024
 Supervised By :Mahesh Dadoda 10/16/2024

Quant Time: Oct 16 07:30:42 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	87139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	153988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75825	53.281	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.560%			
35) Dibromofluoromethane	5.385	113	55278	52.053	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.100%			
50) Toluene-d8	8.647	98	186483	50.672	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.340%			
62) 4-Bromofluorobenzene	11.079	95	69521	51.998	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.000%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	19582	19.319	ug/l	99
3) Chloromethane	1.301	50	20651	19.783	ug/l	94
4) Vinyl Chloride	1.374	62	21547	20.607	ug/l	93
5) Bromomethane	1.599	94	9156	21.433	ug/l	92
6) Chloroethane	1.666	64	7951	20.419	ug/l	98
7) Trichlorofluoromethane	1.867	101	31607	20.231	ug/l	93
8) Diethyl Ether	2.136	74	12631	20.775	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	19810	20.319	ug/l	98
10) Methyl Iodide	2.447	142	24266	19.816	ug/l	99
11) Tert butyl alcohol	3.001	59	25425m	93.885	ug/l	
12) 1,1-Dichloroethene	2.306	96	18941	19.564	ug/l	96
13) Acrolein	2.239	56	21752	85.042	ug/l	100
14) Allyl chloride	2.660	41	31890	20.049	ug/l	99
15) Acrylonitrile	3.075	53	58801	106.335	ug/l	99
16) Acetone	2.392	43	63512	106.868	ug/l	100
17) Carbon Disulfide	2.502	76	37838	16.068	ug/l	97
18) Methyl Acetate	2.709	43	32034	21.487	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	75172	21.703	ug/l	98
20) Methylene Chloride	2.788	84	22064	20.136	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	20307	21.075	ug/l	95
22) Diisopropyl ether	3.764	45	69578	21.748	ug/l	98
23) Vinyl Acetate	3.721	43	307462	90.631	ug/l	99
24) 1,1-Dichloroethane	3.605	63	40426	21.690	ug/l	96
25) 2-Butanone	4.568	43	91179	111.894	ug/l	99
26) 2,2-Dichloropropane	4.471	77	38159	21.519	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	25554	21.265	ug/l	99
28) Bromochloromethane	4.904	49	13335	18.136	ug/l	99
29) Tetrahydrofuran	5.019	42	56085	108.041	ug/l	99
30) Chloroform	5.093	83	44176	21.583	ug/l	97
31) Cyclohexane	5.458	56	32202	20.970	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	40073	21.316	ug/l	99
36) 1,1-Dichloropropene	5.690	75	28098	20.944	ug/l	97
37) Ethyl Acetate	4.727	43	34377	21.338	ug/l	99
38) Carbon Tetrachloride	5.672	117	32084	20.201	ug/l	96
39) Methylcyclohexane	7.373	83	34342	20.353	ug/l	97
40) Benzene	6.037	78	84729	20.830	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	18020	21.487	ug/l	97
42) 1,2-Dichloroethane	6.086	62	35916	21.668	ug/l	100
43) Isopropyl Acetate	6.348	43	56046	21.061	ug/l	100
44) Trichloroethene	7.123	130	21369	19.807	ug/l	94
45) 1,2-Dichloropropane	7.434	63	21188	21.226	ug/l	98
46) Dibromomethane	7.580	93	16677	20.849	ug/l	98
47) Bromodichloromethane	7.824	83	31489	20.024	ug/l	98
48) Methyl methacrylate	7.696	41	27108	20.761	ug/l	98
49) 1,4-Dioxane	7.671	88	11236	442.694	ug/l	89
51) 4-Methyl-2-Pentanone	8.574	43	174903	108.218	ug/l	99
52) Toluene	8.714	92	53134	20.843	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	32826	21.006	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	34600	20.644	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	22035	21.749	ug/l	98
56) Ethyl methacrylate	9.116	69	36700	22.157	ug/l	98
57) 1,3-Dichloropropane	9.305	76	36649	21.239	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	70043	93.814	ug/l	99
59) 2-Hexanone	9.433	43	135132	110.564	ug/l	100
60) Dibromochloromethane	9.519	129	21950	18.675	ug/l	100
61) 1,2-Dibromoethane	9.610	107	22893	21.031	ug/l	100
64) Tetrachloroethene	9.269	164	18887	20.706	ug/l	92
65) Chlorobenzene	10.079	112	58492	20.696	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	20532	20.546	ug/l	99
67) Ethyl Benzene	10.195	91	103071	21.100	ug/l	99
68) m/p-Xylenes	10.299	106	75623	40.964	ug/l	98
69) o-Xylene	10.640	106	37711	20.557	ug/l	100
70) Styrene	10.653	104	62268	20.945	ug/l	98
71) Bromoform	10.799	173	13914	18.175	ug/l #	99
73) Isopropylbenzene	10.963	105	99630	20.996	ug/l	100
74) N-amyl acetate	10.842	43	47631	21.145	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	32905	21.286	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	28116m	20.768	ug/l	
77) Bromobenzene	11.195	156	23419	20.280	ug/l	98
78) n-propylbenzene	11.305	91	108438	20.816	ug/l	99
79) 2-Chlorotoluene	11.366	91	68920	20.579	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	82281	21.020	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9682	18.534	ug/l	91
82) 4-Chlorotoluene	11.457	91	78839	20.665	ug/l	100
83) tert-Butylbenzene	11.713	119	81893	20.307	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	82941	21.059	ug/l	100
85) sec-Butylbenzene	11.890	105	100520	21.026	ug/l	97
86) p-Isopropyltoluene	12.006	119	82843	20.770	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41707	20.502	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	41697	19.882	ug/l	99
89) n-Butylbenzene	12.335	91	68682	20.568	ug/l	99
90) Hexachloroethane	12.536	117	13853	18.519	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	42394	20.378	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7208	19.098	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	23825	19.865	ug/l	97
94) Hexachlorobutadiene	13.725	225	9689	20.379	ug/l	97
95) Naphthalene	13.774	128	91009	20.642	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	25170	20.341	ug/l	98

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

