

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
 Data File : VX037152.D
 Acq On : 22 Aug 2023 14:03
 Operator : JC/MD
 Sample : VX0822MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Aug 22 15:38:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	159408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	269133	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110358	48.020	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.040%
35) Dibromofluoromethane	5.385	113	88000	49.372	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.740%
50) Toluene-d8	8.647	98	323167	49.984	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.960%
62) 4-Bromofluorobenzene	11.079	95	132675	52.217	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.440%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	35493	19.168	ug/l	100
3) Chloromethane	1.307	50	35276	21.776	ug/l	94
4) Vinyl Chloride	1.374	62	34351	19.481	ug/l	92
5) Bromomethane	1.605	94	22915	26.089	ug/l	100
6) Chloroethane	1.685	64	27898	26.886	ug/l	96
7) Trichlorofluoromethane	1.886	101	56283	19.485	ug/l	99
8) Diethyl Ether	2.130	74	20671	18.497	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	30675	18.204	ug/l	97
10) Methyl Iodide	2.453	142	40209	19.633	ug/l	96
11) Tert butyl alcohol	2.959	59	44845	83.186	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	30296	18.463	ug/l	86
13) Acrolein	2.233	56	22819	55.641	ug/l	99
14) Allyl chloride	2.666	41	46367	18.256	ug/l #	95
15) Acrylonitrile	3.063	53	88795	92.282	ug/l	100
16) Acetone	2.380	43	74903	83.313	ug/l #	89
17) Carbon Disulfide	2.514	76	76369	18.296	ug/l	98
18) Methyl Acetate	2.703	43	59609	17.609	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	116515	18.722	ug/l	95
20) Methylene Chloride	2.788	84	36148	17.979	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	33858	18.151	ug/l	90
22) Diisopropyl ether	3.764	45	98188	18.839	ug/l #	90
23) Vinyl Acetate	3.721	43	378239	94.702	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	59731	18.275	ug/l	98
25) 2-Butanone	4.556	43	115581	85.381	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	46881	16.061	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	40445	18.392	ug/l	89
28) Bromochloromethane	4.904	49	29640	20.301	ug/l #	75
29) Tetrahydrofuran	5.007	42	75923	87.945	ug/l #	85
30) Chloroform	5.093	83	67543	18.409	ug/l	96
31) Cyclohexane	5.471	56	47029	18.200	ug/l	87
32) 1,1,1-Trichloroethane	5.391	97	60909	18.526	ug/l	97
36) 1,1-Dichloropropene	5.696	75	48231	19.046	ug/l	97
37) Ethyl Acetate	4.715	43	46626	18.025	ug/l #	94
38) Carbon Tetrachloride	5.678	117	53713	19.526	ug/l	98
39) Methylcyclohexane	7.379	83	49310	18.534	ug/l	91
40) Benzene	6.044	78	137513	18.934	ug/l	98

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 Kesilyurt

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	24811	18.450	ug/l	#	88
42) 1,2-Dichloroethane	6.092	62	54436	19.113	ug/l		96
43) Isopropyl Acetate	6.342	43	78017	18.997	ug/l	#	93
44) Trichloroethene	7.129	130	38296	18.596	ug/l		96
45) 1,2-Dichloropropane	7.434	63	34239	19.120	ug/l		96
46) Dibromomethane	7.586	93	27889	19.769	ug/l		96
47) Bromodichloromethane	7.824	83	52046	19.261	ug/l		100
48) Methyl methacrylate	7.696	41	38429	19.188	ug/l	#	88
49) 1,4-Dioxane	7.659	88	17969	333.135	ug/l	#	88
51) 4-Methyl-2-Pentanone	8.574	43	238400	95.598	ug/l		92
52) Toluene	8.720	92	92133	19.200	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	55977	19.456	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	58639	18.861	ug/l		89
55) 1,1,2-Trichloroethane	9.153	97	38216	19.558	ug/l		98
56) Ethyl methacrylate	9.116	69	59018	19.283	ug/l		89
57) 1,3-Dichloropropane	9.311	76	64473	19.573	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.245	63	147993	100.760	ug/l		92
59) 2-Hexanone	9.433	43	182379	95.916	ug/l		90
60) Dibromochloromethane	9.525	129	41695	20.042	ug/l		100
61) 1,2-Dibromoethane	9.610	107	41988	19.627	ug/l		99
64) Tetrachloroethene	9.275	164	31243	16.957	ug/l		98
65) Chlorobenzene	10.080	112	103139	19.322	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	37754	19.163	ug/l		99
67) Ethyl Benzene	10.195	91	180353	19.201	ug/l		100
68) m/p-Xylenes	10.299	106	140718	38.794	ug/l		98
69) o-Xylene	10.640	106	68106	19.031	ug/l		98
70) Styrene	10.659	104	116200	19.711	ug/l		98
71) Bromoform	10.799	173	29171	19.794	ug/l	#	100
73) Isopropylbenzene	10.964	105	180002	18.414	ug/l		99
74) N-amyl acetate	10.842	43	69144	18.204	ug/l		91
75) 1,1,2,2-Tetrachloroethane	11.213	83	60325	18.325	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	50067m	17.481	ug/l		
77) Bromobenzene	11.195	156	43936	18.404	ug/l		94
78) n-propylbenzene	11.305	91	208037	19.113	ug/l		100
79) 2-Chlorotoluene	11.366	91	128120	18.419	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	153966	18.882	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	16419	16.012	ug/l		94
82) 4-Chlorotoluene	11.451	91	151437	18.860	ug/l		99
83) tert-Butylbenzene	11.713	119	147940	19.024	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	156716	19.017	ug/l		98
85) sec-Butylbenzene	11.890	105	179702	19.784	ug/l		99
86) p-Isopropyltoluene	12.006	119	153491	19.629	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	84892	18.993	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	86156	18.657	ug/l		98
89) n-Butylbenzene	12.335	91	130132	20.073	ug/l		99
90) Hexachloroethane	12.536	117	25802	19.770	ug/l		92
91) 1,2-Dichlorobenzene	12.335	146	83408	19.057	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14527	18.991	ug/l		85
93) 1,2,4-Trichlorobenzene	13.585	180	52256	20.405	ug/l		97
94) Hexachlorobutadiene	13.725	225	20296	20.515	ug/l		98
95) Naphthalene	13.774	128	192385	17.150	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	51509	20.245	ug/l		99

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

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