

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022323\
 Data File : VX034247.D
 Acq On : 23 Feb 2023 14:39
 Operator : JC/MD
 Sample : VX0223MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0223MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2023
 Supervised By : Mahesh Dadoda 02/24/2023

Quant Time: Feb 23 21:44:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	282437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	458152	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	409499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	204755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	172806	45.430	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.860%		
35) Dibromofluoromethane	5.379	113	147363	49.401	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.800%		
50) Toluene-d8	8.647	98	536906	50.131	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.260%		
62) 4-Bromofluorobenzene	11.079	95	200188	48.866	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48326	19.801	ug/l	99
3) Chloromethane	1.300	50	66902	19.049	ug/l	96
4) Vinyl Chloride	1.374	62	68202	21.323	ug/l	96
5) Bromomethane	1.605	94	37859	28.379	ug/l	97
6) Chloroethane	1.685	64	38580	23.993	ug/l	95
7) Trichlorofluoromethane	1.886	101	101719	23.507	ug/l	98
8) Diethyl Ether	2.130	74	40291	23.111	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	57252	18.787	ug/l	95
10) Methyl Iodide	2.453	142	61177	16.488	ug/l	94
11) Tert butyl alcohol	2.953	59	83255	97.860	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	54656	17.891	ug/l	95
13) Acrolein	2.233	56	36089	92.928	ug/l	96
14) Allyl chloride	2.666	41	109855	16.953	ug/l	90
15) Acrylonitrile	3.062	53	179785	96.869	ug/l	99
16) Acetone	2.373	43	159800	81.441	ug/l	96
17) Carbon Disulfide	2.508	76	146902	16.726	ug/l	100
18) Methyl Acetate	2.703	43	118742	19.557	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	209133	19.397	ug/l	100
20) Methylene Chloride	2.788	84	66872	18.915	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	60312	18.841	ug/l	98
22) Diisopropyl ether	3.757	45	229889	20.236	ug/l	95
23) Vinyl Acetate	3.715	43	896450	98.490	ug/l	100
24) 1,1-Dichloroethane	3.605	63	115644	18.542	ug/l	99
25) 2-Butanone	4.550	43	256130	90.216	ug/l	98
26) 2,2-Dichloropropane	4.471	77	98547	17.443	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	72651	19.166	ug/l	97
28) Bromochloromethane	4.891	49	52087	18.722	ug/l	89
29) Tetrahydrofuran	5.001	42	167995	96.997	ug/l	98
30) Chloroform	5.086	83	114483	19.116	ug/l	98
31) Cyclohexane	5.464	56	103171	18.167	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	97853	18.227	ug/l	99
36) 1,1-Dichloropropene	5.690	75	82958	18.805	ug/l	98
37) Ethyl Acetate	4.708	43	98135	19.904	ug/l	99
38) Carbon Tetrachloride	5.678	117	84818	18.684	ug/l	96
39) Methylcyclohexane	7.379	83	107208	18.884	ug/l	98
40) Benzene	6.037	78	256763	19.640	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	53423	19.448	ug/l	98
42) 1,2-Dichloroethane	6.086	62	89851	19.541	ug/l	99
43) Isopropyl Acetate	6.336	43	170347	19.579	ug/l	99
44) Trichloroethene	7.123	130	65815	19.617	ug/l	97
45) 1,2-Dichloropropane	7.427	63	69595	19.997	ug/l	98
46) Dibromomethane	7.580	93	46536	20.317	ug/l	88
47) Bromodichloromethane	7.818	83	90407	19.233	ug/l	100
48) Methyl methacrylate	7.690	41	78618	19.038	ug/l	97
49) 1,4-Dioxane	7.659	88	35390	429.657	ug/l #	99
51) 4-Methyl-2-Pentanone	8.567	43	509787	106.498	ug/l	98
52) Toluene	8.714	92	160113	20.212	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	101074	18.681	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	109713	18.941	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	67233	21.027	ug/l	98
56) Ethyl methacrylate	9.116	69	107840	19.937	ug/l	98
57) 1,3-Dichloropropane	9.305	76	113653	20.430	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	242250	103.385	ug/l	96
59) 2-Hexanone	9.427	43	379729	104.091	ug/l	98
60) Dibromochloromethane	9.519	129	71267	20.172	ug/l	100
61) 1,2-Dibromoethane	9.610	107	69821	20.647	ug/l	96
64) Tetrachloroethene	9.275	164	57316	19.831	ug/l	98
65) Chlorobenzene	10.079	112	172967	20.263	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	65695	19.880	ug/l	98
67) Ethyl Benzene	10.195	91	306881	20.011	ug/l	100
68) m/p-Xylenes	10.299	106	240178	40.926	ug/l	98
69) o-Xylene	10.640	106	118293	20.247	ug/l	98
70) Styrene	10.652	104	194852	20.506	ug/l	98
71) Bromoform	10.799	173	52624	19.510	ug/l #	100
73) Isopropylbenzene	10.963	105	302770	19.402	ug/l	99
74) N-amyl acetate	10.841	43	146612	18.701	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	103921	19.471	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	83343m	16.176	ug/l	
77) Bromobenzene	11.195	156	75242	20.036	ug/l	90
78) n-propylbenzene	11.305	91	355246	19.574	ug/l	98
79) 2-Chlorotoluene	11.366	91	209954	18.866	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	256708	19.566	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	33368	16.637	ug/l	92
82) 4-Chlorotoluene	11.451	91	242551	19.136	ug/l	97
83) tert-Butylbenzene	11.713	119	256106	19.060	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	254029	19.150	ug/l	98
85) sec-Butylbenzene	11.890	105	322947	19.791	ug/l	98
86) p-Isopropyltoluene	12.006	119	266878	19.762	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	141007	20.021	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	142298	20.032	ug/l	96
89) n-Butylbenzene	12.335	91	235119	19.548	ug/l	97
90) Hexachloroethane	12.536	117	48887	17.314	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	140017	20.320	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20992	16.493	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	89183	20.159	ug/l	99
94) Hexachlorobutadiene	13.725	225	36760	20.044	ug/l	99
95) Naphthalene	13.774	128	292327	19.615	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	87442	19.909	ug/l	99

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

