

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
 Data File : VX036889.D
 Acq On : 09 Aug 2023 15:56
 Operator : JC/MD
 Sample : VX0809MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/10/2023
 Supervised By : Mahesh Dadoda 08/10/2023

Quant Time: Aug 10 01:17:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	93756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163307	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72854	52.517	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.040%			
35) Dibromofluoromethane	5.385	113	58915	52.486	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.980%			
50) Toluene-d8	8.647	98	191285	48.055	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.100%			
62) 4-Bromofluorobenzene	11.079	95	73980	49.261	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	24560	19.830	ug/l	95
3) Chloromethane	1.301	50	20385	18.096	ug/l	99
4) Vinyl Chloride	1.374	62	21831	19.034	ug/l	97
5) Bromomethane	1.599	94	10686	15.606	ug/l	99
6) Chloroethane	1.673	64	11805	21.170	ug/l	96
7) Trichlorofluoromethane	1.880	101	39559	22.335	ug/l	97
8) Diethyl Ether	2.136	74	15146	22.103	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	21929	20.608	ug/l	98
10) Methyl Iodide	2.447	142	23254	21.040	ug/l	95
11) Tert butyl alcohol	2.971	59	43646	132.895	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	20734	19.750	ug/l	92
13) Acrolein	2.233	56	23213	123.848	ug/l	100
14) Allyl chloride	2.660	41	36918	17.858	ug/l #	96
15) Acrylonitrile	3.063	53	79882	120.946	ug/l	99
16) Acetone	2.380	43	78105	135.679	ug/l	90
17) Carbon Disulfide	2.508	76	50785	17.527	ug/l	99
18) Methyl Acetate	2.703	43	57276	23.651	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	85050	21.558	ug/l	100
20) Methylene Chloride	2.788	84	26001	20.309	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	23204	19.776	ug/l	88
22) Diisopropyl ether	3.764	45	73857	18.816	ug/l #	86
23) Vinyl Acetate	3.721	43	305468	101.454	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	43751	19.880	ug/l	98
25) 2-Butanone	4.556	43	115792	123.978	ug/l #	90
26) 2,2-Dichloropropane	4.471	77	40121	19.348	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	28558	20.492	ug/l	92
28) Bromochloromethane	4.898	49	20146	18.928	ug/l #	82
29) Tetrahydrofuran	5.007	42	71130	118.127	ug/l	87
30) Chloroform	5.093	83	47022	20.885	ug/l	100
31) Cyclohexane	5.465	56	33393	17.385	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	41284	20.011	ug/l	98
36) 1,1-Dichloropropene	5.690	75	32705	19.548	ug/l	98
37) Ethyl Acetate	4.715	43	41841	22.096	ug/l	95
38) Carbon Tetrachloride	5.678	117	35154	19.764	ug/l	98
39) Methylcyclohexane	7.379	83	32596	15.668	ug/l	90
40) Benzene	6.038	78	97648	20.061	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21091	20.825	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	38779	21.790	ug/l	96
43) Isopropyl Acetate	6.342	43	65669	20.146	ug/l #	94
44) Trichloroethene	7.123	130	25933	20.382	ug/l	96
45) 1,2-Dichloropropane	7.428	63	25054	19.278	ug/l	98
46) Dibromomethane	7.580	93	19907	21.886	ug/l	96
47) Bromodichloromethane	7.824	83	37154	19.900	ug/l	100
48) Methyl methacrylate	7.696	41	31559	20.818	ug/l #	89
49) 1,4-Dioxane	7.659	88	17815	581.731	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	209733	116.268	ug/l	95
52) Toluene	8.720	92	62378	20.452	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	40180	19.041	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	42750	19.199	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	27492	21.443	ug/l	95
56) Ethyl methacrylate	9.116	69	43863	21.010	ug/l	91
57) 1,3-Dichloropropane	9.311	76	46701	21.870	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	108566	105.539	ug/l	94
59) 2-Hexanone	9.427	43	162255	121.197	ug/l	94
60) Dibromochloromethane	9.519	129	28529	20.245	ug/l	99
61) 1,2-Dibromoethane	9.610	107	29965	22.551	ug/l	100
64) Tetrachloroethene	9.275	164	22531	20.867	ug/l	97
65) Chlorobenzene	10.080	112	66021	20.691	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	25624	20.777	ug/l	99
67) Ethyl Benzene	10.195	91	115471	19.809	ug/l	98
68) m/p-Xylenes	10.299	106	88424	40.657	ug/l	98
69) o-Xylene	10.640	106	43841	20.195	ug/l	99
70) Styrene	10.653	104	72039	20.113	ug/l	98
71) Bromoform	10.799	173	20217	20.250	ug/l #	100
73) Isopropylbenzene	10.964	105	106464	19.206	ug/l	99
74) N-amyl acetate	10.842	43	51436	19.898	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	42223	22.552	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	37098m	23.548	ug/l	
77) Bromobenzene	11.195	156	27127	21.489	ug/l	94
78) n-propylbenzene	11.305	91	117508	18.330	ug/l	99
79) 2-Chlorotoluene	11.366	91	76509	19.695	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	89835	19.372	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13190	18.976	ug/l	92
82) 4-Chlorotoluene	11.457	91	87509	19.771	ug/l	100
83) tert-Butylbenzene	11.713	119	83227	18.269	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	91857	19.807	ug/l	99
85) sec-Butylbenzene	11.890	105	97342	17.134	ug/l	100
86) p-Isopropyltoluene	12.006	119	80926	17.311	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47259	20.213	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	48375	20.848	ug/l	100
89) n-Butylbenzene	12.329	91	64573	15.430	ug/l	100
90) Hexachloroethane	12.536	117	14011	14.784	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	47304	20.966	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10256	23.574	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	24863	17.886	ug/l	98
94) Hexachlorobutadiene	13.725	225	9527	16.566	ug/l	98
95) Naphthalene	13.774	128	108672	22.434	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26129	19.072	ug/l	98

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

