

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032023\
 Data File : VX034624.D
 Acq On : 20 Mar 2023 13:48
 Operator : JC/MD
 Sample : VX0320MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2023
 Supervised By : Mahesh Dadoda 03/21/2023

Quant Time: Mar 21 01:40:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	264273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	395514	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	185249	48.184	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.360%		
35) Dibromofluoromethane	5.385	113	150975	57.814	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	115.620%		
50) Toluene-d8	8.647	98	551593	56.583	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	113.160%#		
62) 4-Bromofluorobenzene	11.079	95	200467	50.911	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49282	20.003	ug/l	96
3) Chloromethane	1.307	50	72039	18.475	ug/l	99
4) Vinyl Chloride	1.374	62	69019	20.574	ug/l	99
5) Bromomethane	1.599	94	46262	27.332	ug/l	93
6) Chloroethane	1.685	64	43950	22.754	ug/l	99
7) Trichlorofluoromethane	1.886	101	104688	20.769	ug/l	99
8) Diethyl Ether	2.130	74	40058	21.770	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	61814	21.042	ug/l	99
10) Methyl Iodide	2.453	142	78440	20.338	ug/l	90
11) Tert butyl alcohol	2.953	59	78679	98.273	ug/l	98
12) 1,1-Dichloroethene	2.319	96	57062	19.724	ug/l	90
13) Acrolein	2.233	56	63559	100.351	ug/l	98
14) Allyl chloride	2.666	41	112484	19.178	ug/l	93
15) Acrylonitrile	3.062	53	163940	94.792	ug/l	99
16) Acetone	2.373	43	180541	99.690	ug/l	94
17) Carbon Disulfide	2.508	76	143954	17.681	ug/l	100
18) Methyl Acetate	2.703	43	130824	22.108	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	189788	18.322	ug/l	99
20) Methylene Chloride	2.788	84	66680	18.971	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	55598	18.096	ug/l	98
22) Diisopropyl ether	3.757	45	202326	18.093	ug/l	100
23) Vinyl Acetate	3.721	43	756464	88.882	ug/l	98
24) 1,1-Dichloroethane	3.611	63	105569	17.561	ug/l	99
25) 2-Butanone	4.550	43	256782	99.093	ug/l	97
26) 2,2-Dichloropropane	4.477	77	101866	19.495	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	73265	19.809	ug/l	97
28) Bromochloromethane	4.897	49	58968	21.097	ug/l	98
29) Tetrahydrofuran	5.001	42	161511	101.008	ug/l	99
30) Chloroform	5.092	83	121540	20.626	ug/l	98
31) Cyclohexane	5.470	56	107053	19.854	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	101825	19.520	ug/l	96
36) 1,1-Dichloropropene	5.690	75	86828	21.648	ug/l	99
37) Ethyl Acetate	4.715	43	97577	22.269	ug/l	99
38) Carbon Tetrachloride	5.678	117	91717	22.986	ug/l	98
39) Methylcyclohexane	7.379	83	97175	20.245	ug/l	98
40) Benzene	6.037	78	230166	19.616	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	55292	23.025	ug/l	97
42) 1,2-Dichloroethane	6.086	62	92779	21.515	ug/l	99
43) Isopropyl Acetate	6.336	43	150812	20.317	ug/l	100
44) Trichloroethene	7.129	130	58877	19.313	ug/l	98
45) 1,2-Dichloropropane	7.434	63	66276	21.633	ug/l	94
46) Dibromomethane	7.580	93	46531	22.340	ug/l	99
47) Bromodichloromethane	7.818	83	93220	23.125	ug/l	96
48) Methyl methacrylate	7.696	41	85577	23.970	ug/l	96
49) 1,4-Dioxane	7.659	88	37277	497.123	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	503638	116.957	ug/l	98
52) Toluene	8.720	92	160201	22.053	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	96958	21.350	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	106941	21.766	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	64946	22.528	ug/l	98
56) Ethyl methacrylate	9.116	69	103208	21.804	ug/l	95
57) 1,3-Dichloropropane	9.311	76	108862	21.247	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	267887	109.816	ug/l	100
59) 2-Hexanone	9.427	43	349905	105.116	ug/l	99
60) Dibromochloromethane	9.519	129	57867	19.139	ug/l	100
61) 1,2-Dibromoethane	9.610	107	64451	20.717	ug/l	98
64) Tetrachloroethene	9.275	164	52399	21.742	ug/l	97
65) Chlorobenzene	10.079	112	155928	19.808	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	55522	19.366	ug/l	99
67) Ethyl Benzene	10.195	91	287855	20.426	ug/l	98
68) m/p-Xylenes	10.299	106	217850	40.242	ug/l	98
69) o-Xylene	10.640	106	106718	19.644	ug/l	99
70) Styrene	10.652	104	174028	19.855	ug/l	100
71) Bromoform	10.799	173	39400	17.853	ug/l #	99
73) Isopropylbenzene	10.963	105	280351	19.905	ug/l	100
74) N-amyl acetate	10.841	43	134093	19.878	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	94811	20.173	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	78695m	18.808	ug/l	
77) Bromobenzene	11.195	156	69726	20.634	ug/l	98
78) n-propylbenzene	11.305	91	332415	20.437	ug/l	99
79) 2-Chlorotoluene	11.366	91	201659	20.074	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	242309	20.511	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24739	15.995	ug/l	87
82) 4-Chlorotoluene	11.457	91	232400	20.085	ug/l	99
83) tert-Butylbenzene	11.713	119	233419	19.597	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	237785	19.695	ug/l	100
85) sec-Butylbenzene	11.890	105	295130	20.268	ug/l	99
86) p-Isopropyltoluene	12.006	119	245152	20.032	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	128303	19.379	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	131133	19.588	ug/l	99
89) n-Butylbenzene	12.335	91	237851	21.862	ug/l	98
90) Hexachloroethane	12.536	117	43767	19.328	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	139979	21.877	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23127	21.659	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	78277	19.563	ug/l	99
94) Hexachlorobutadiene	13.725	225	32808	20.353	ug/l	98
95) Naphthalene	13.774	128	270573	20.166	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	77610	19.843	ug/l	99

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

