

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
 Data File : VX037141.D
 Acq On : 21 Aug 2023 19:20
 Operator : JC/MD
 Sample : 04014-03MSD
 Misc : 7.61g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB06-Z102-104MSD

Quant Time: Aug 22 06:01:00 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

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/22/2023
 Supervised By :Mahesh Dadoda 08/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	147640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	249832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104578	49.132	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.260%		
35) Dibromofluoromethane	5.385	113	85628	51.752	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.500%		
50) Toluene-d8	8.647	98	312892	52.133	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.260%		
62) 4-Bromofluorobenzene	11.085	95	131030	55.554	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	91813	53.535	ug/l	99
3) Chloromethane	1.307	50	78716	52.464	ug/l	99
4) Vinyl Chloride	1.374	62	82763	50.676	ug/l	97
5) Bromomethane	1.593	94	27575	33.897	ug/l	99
6) Chloroethane	1.660	64	14848	15.450	ug/l	99
7) Trichlorofluoromethane	1.880	101	20805	7.777	ug/l	92
8) Diethyl Ether	2.142	74	48598	46.954	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.288	101	78809	50.496	ug/l	98
10) Methyl Iodide	2.422	142	77344	40.775	ug/l #	92
11) Tert butyl alcohol	3.117	59	119447	239.231	ug/l #	1
12) 1,1-Dichloroethene	2.282	96	72148	47.472	ug/l	86
13) Acrolein	2.246	56	66538	175.176	ug/l	99
14) Allyl chloride	2.642	41	100707	42.811	ug/l #	89
15) Acrylonitrile	3.087	53	212794	238.778	ug/l	98
16) Acetone	2.422	43	183856	220.798	ug/l	91
17) Carbon Disulfide	2.471	76	162924	42.145	ug/l	100
18) Methyl Acetate	2.721	43	148293	47.299	ug/l #	89
19) Methyl tert-butyl Ether	3.136	73	277346	48.117	ug/l	99
20) Methylene Chloride	2.776	84	82135	44.108	ug/l	86
21) trans-1,2-Dichloroethene	3.075	96	82394	47.691	ug/l	88
22) Diisopropyl ether	3.782	45	233621	48.397	ug/l #	72
23) Vinyl Acetate	3.727	43	873412	236.113	ug/l #	91
24) 1,1-Dichloroethane	3.599	63	144804	47.836	ug/l	96
25) 2-Butanone	4.587	43	285686	227.860	ug/l #	86
26) 2,2-Dichloropropane	4.465	77	111442	41.223	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	97415	47.829	ug/l	88
28) Bromochloromethane	4.898	49	63890	47.247	ug/l #	76
29) Tetrahydrofuran	5.032	42	181327	226.780	ug/l #	84
30) Chloroform	5.093	83	160160	47.132	ug/l	97
31) Cyclohexane	5.452	56	119302	49.848	ug/l	86
32) 1,1,1-Trichloroethane	5.373	97	146548	48.126	ug/l	97
36) 1,1-Dichloropropene	5.684	75	115325	49.060	ug/l	96
37) Ethyl Acetate	4.733	43	114139	47.533	ug/l #	94
38) Carbon Tetrachloride	5.666	117	125705	49.228	ug/l	98
39) Methylcyclohexane	7.373	83	128206	51.910	ug/l	91
40) Benzene	6.031	78	351219	52.096	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	58921	47.201	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	128302	48.529	ug/l	95
43) Isopropyl Acetate	6.355	43	184783	48.470	ug/l #	93
44) Trichloroethene	7.123	130	92617	48.448	ug/l	98
45) 1,2-Dichloropropane	7.428	63	81981	49.317	ug/l	97
46) Dibromomethane	7.580	93	64282	49.087	ug/l	94
47) Bromodichloromethane	7.824	83	122025	48.649	ug/l	96
48) Methyl methacrylate	7.696	41	89998	48.407	ug/l #	87
49) 1,4-Dioxane	7.702	88	51256	1023.669	ug/l #	86
51) 4-Methyl-2-Pentanone	8.586	43	569783	246.134	ug/l	90
52) Toluene	8.720	92	221825	49.798	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	132601	49.650	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	140925	48.829	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	90904	50.117	ug/l	97
56) Ethyl methacrylate	9.122	69	144060	50.705	ug/l	87
57) 1,3-Dichloropropane	9.311	76	150729	49.295	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	341681	250.603	ug/l	93
59) 2-Hexanone	9.439	43	443519	251.274	ug/l	88
60) Dibromochloromethane	9.525	129	95867	49.641	ug/l	100
61) 1,2-Dibromoethane	9.610	107	97980	49.337	ug/l	99
64) Tetrachloroethene	9.275	164	81946	48.200	ug/l	99
65) Chlorobenzene	10.080	112	241814	49.094	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	91634	50.406	ug/l	99
67) Ethyl Benzene	10.195	91	452591	52.219	ug/l	99
68) m/p-Xylenes	10.299	106	336752	100.613	ug/l	98
69) o-Xylene	10.640	106	167130	50.612	ug/l	99
70) Styrene	10.659	104	280685	51.601	ug/l	98
71) Bromoform	10.805	173	70681	51.978	ug/l #	100
73) Isopropylbenzene	10.964	105	437416	47.052	ug/l	99
74) N-amyl acetate	10.848	43	172429	47.735	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	151459	48.377	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	131099m	48.130	ug/l	
77) Bromobenzene	11.201	156	106897	47.082	ug/l	93
78) n-propylbenzene	11.305	91	496984	48.010	ug/l	99
79) 2-Chlorotoluene	11.366	91	311067	47.023	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	371163	47.862	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	43067	44.161	ug/l	88
82) 4-Chlorotoluene	11.457	91	366546	48.002	ug/l	99
83) tert-Butylbenzene	11.713	119	369729	49.992	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	380052	48.492	ug/l	98
85) sec-Butylbenzene	11.890	105	431162	49.911	ug/l	98
86) p-Isopropyltoluene	12.012	119	374515	50.362	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	205905	48.440	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	212832	48.462	ug/l	99
89) n-Butylbenzene	12.335	91	320369	51.962	ug/l	99
90) Hexachloroethane	12.542	117	64807	52.212	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	209785	50.400	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	36471	50.134	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	133189	54.686	ug/l	97
94) Hexachlorobutadiene	13.725	225	50719	53.905	ug/l	99
95) Naphthalene	13.774	128	523920	49.109	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	132788	54.878	ug/l	98

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

