

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
 Data File : VX037126.D
 Acq On : 21 Aug 2023 13:03
 Operator : JC/MD
 Sample : VX0821MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821MBS01

Manual Integrations
 APPROVED

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

Quant Time: Aug 22 05:54:08 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	161650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	272166	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	119999	51.491	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.980%			
35) Dibromofluoromethane	5.391	113	96041	53.282	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.560%			
50) Toluene-d8	8.647	98	342587	52.397	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.800%			
62) 4-Bromofluorobenzene	11.079	95	132097	51.410	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	39026	20.783	ug/l	98
3) Chloromethane	1.295	50	31455	19.148	ug/l	95
4) Vinyl Chloride	1.374	62	34712	19.412	ug/l	98
5) Bromomethane	1.599	94	20561	23.084	ug/l	100
6) Chloroethane	1.685	64	22846	21.712	ug/l	99
7) Trichlorofluoromethane	1.886	101	62362	21.290	ug/l	95
8) Diethyl Ether	2.136	74	22854	20.167	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	34621	20.261	ug/l	97
10) Methyl Iodide	2.453	142	40793	19.642	ug/l	96
11) Tert butyl alcohol	2.965	59	51334	93.902	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	32441	19.495	ug/l	85
13) Acrolein	2.239	56	33833	81.353	ug/l	97
14) Allyl chloride	2.666	41	51733	20.086	ug/l #	94
15) Acrylonitrile	3.063	53	97651	100.078	ug/l	99
16) Acetone	2.380	43	87771	96.271	ug/l	90
17) Carbon Disulfide	2.508	76	79122	18.693	ug/l	98
18) Methyl Acetate	2.703	43	69362	20.206	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	127672	20.230	ug/l	97
20) Methylene Chloride	2.788	84	36597	17.950	ug/l #	87
21) trans-1,2-Dichloroethene	3.093	96	36623	19.361	ug/l	87
22) Diisopropyl ether	3.764	45	106312	20.115	ug/l #	87
23) Vinyl Acetate	3.721	43	417880	103.176	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	66680	20.119	ug/l	96
25) 2-Butanone	4.556	43	135683	98.840	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	59379	20.061	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	43983	19.723	ug/l	91
28) Bromochloromethane	4.898	49	30802	20.804	ug/l #	77
29) Tetrahydrofuran	5.007	42	85488	97.651	ug/l #	83
30) Chloroform	5.093	83	73630	19.790	ug/l	99
31) Cyclohexane	5.471	56	52699	20.111	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	67338	20.197	ug/l	98
36) 1,1-Dichloropropene	5.696	75	51206	19.996	ug/l	98
37) Ethyl Acetate	4.715	43	53097	20.298	ug/l #	95
38) Carbon Tetrachloride	5.678	117	56674	20.373	ug/l	99
39) Methylcyclohexane	7.379	83	54239	20.159	ug/l	91
40) Benzene	6.038	78	150558	20.499	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	27781	20.429	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	60156	20.886	ug/l	97
43) Isopropyl Acetate	6.342	43	86437	20.813	ug/l #	93
44) Trichloroethene	7.123	130	41387	19.873	ug/l	94
45) 1,2-Dichloropropane	7.434	63	37462	20.687	ug/l	99
46) Dibromomethane	7.580	93	29665	20.794	ug/l	94
47) Bromodichloromethane	7.824	83	56940	20.838	ug/l	99
48) Methyl methacrylate	7.696	41	41881	20.678	ug/l #	87
49) 1,4-Dioxane	7.659	88	21739	398.537	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	266269	105.584	ug/l	92
52) Toluene	8.720	92	98940	20.389	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	60729	20.873	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	65102	20.706	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	41818	21.163	ug/l	96
56) Ethyl methacrylate	9.116	69	64372	20.798	ug/l	88
57) 1,3-Dichloropropane	9.311	76	69729	20.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	154753	104.188	ug/l	92
59) 2-Hexanone	9.433	43	202279	105.196	ug/l	90
60) Dibromochloromethane	9.519	129	44197	21.008	ug/l	99
61) 1,2-Dibromoethane	9.610	107	44299	20.476	ug/l	99
64) Tetrachloroethene	9.275	164	36065	19.839	ug/l	99
65) Chlorobenzene	10.080	112	106572	20.235	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	40619	20.897	ug/l	100
67) Ethyl Benzene	10.195	91	187857	20.271	ug/l	100
68) m/p-Xylenes	10.299	106	145701	40.712	ug/l	98
69) o-Xylene	10.640	106	70298	19.909	ug/l	98
70) Styrene	10.653	104	117509	20.204	ug/l	98
71) Bromoform	10.799	173	30551	21.012	ug/l #	98
73) Isopropylbenzene	10.964	105	183317	21.130	ug/l	99
74) N-amyl acetate	10.842	43	70956	21.049	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	61385	21.010	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	52614m	20.699	ug/l	
77) Bromobenzene	11.201	156	45017	21.247	ug/l	93
78) n-propylbenzene	11.305	91	203668	21.083	ug/l	100
79) 2-Chlorotoluene	11.366	91	129119	20.916	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	153972	21.276	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	18462	20.286	ug/l	91
82) 4-Chlorotoluene	11.451	91	151285	21.230	ug/l	100
83) tert-Butylbenzene	11.713	119	145002	21.009	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	156916	21.454	ug/l	98
85) sec-Butylbenzene	11.890	105	172792	21.434	ug/l	99
86) p-Isopropyltoluene	12.012	119	148273	21.366	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	81437	20.530	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	80482	19.638	ug/l	98
89) n-Butylbenzene	12.329	91	118830	20.653	ug/l	99
90) Hexachloroethane	12.536	117	24113	20.817	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	81116	20.883	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13814	20.348	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	45204	19.889	ug/l	98
94) Hexachlorobutadiene	13.725	225	17978	20.475	ug/l	97
95) Naphthalene	13.774	128	171015	17.177	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	45397	20.104	ug/l	99

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

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