

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
 Data File : VX037128.D
 Acq On : 21 Aug 2023 14:10
 Operator : JC/MD
 Sample : VX0821MBSD01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821MBSD01

Manual Integrations
 APPROVED

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

Quant Time: Aug 22 05:55:37 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	5.562	168	114812	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.769	114	200569	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	89744	54.219	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.440%			
35) Dibromofluoromethane	5.397	113	71050	53.489	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.980%			
50) Toluene-d8	8.653	98	251695	52.237	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.480%			
62) 4-Bromofluorobenzene	11.079	95	96937	51.194	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27585	20.683	ug/l	98
3) Chloromethane	1.300	50	22488	19.274	ug/l	96
4) Vinyl Chloride	1.373	62	24916	19.618	ug/l	97
5) Bromomethane	1.605	94	14708	23.249	ug/l	99
6) Chloroethane	1.684	64	16102	21.545	ug/l	99
7) Trichlorofluoromethane	1.892	101	43624	20.969	ug/l	99
8) Diethyl Ether	2.142	74	16680	20.723	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.337	101	24336	20.052	ug/l	97
10) Methyl Iodide	2.459	142	28525	19.338	ug/l	95
11) Tert butyl alcohol	2.971	59	43008	110.766	ug/l #	92
12) 1,1-Dichloroethene	2.324	96	23079	19.527	ug/l	84
13) Acrolein	2.239	56	27264	92.302	ug/l	98
14) Allyl chloride	2.672	41	36778	20.105	ug/l #	94
15) Acrylonitrile	3.074	53	78883	113.824	ug/l	99
16) Acetone	2.385	43	69726	107.679	ug/l	90
17) Carbon Disulfide	2.513	76	56611	18.831	ug/l	99
18) Methyl Acetate	2.709	43	55035	22.573	ug/l #	91
19) Methyl tert-butyl Ether	3.123	73	91288	20.366	ug/l	97
20) Methylene Chloride	2.794	84	26922	18.591	ug/l	88
21) trans-1,2-Dichloroethene	3.099	96	26072	19.406	ug/l	88
22) Diisopropyl ether	3.769	45	75580	20.134	ug/l #	96
23) Vinyl Acetate	3.733	43	302536	105.170	ug/l #	90
24) 1,1-Dichloroethane	3.617	63	46843	19.899	ug/l	95
25) 2-Butanone	4.568	43	109124	111.922	ug/l #	88
26) 2,2-Dichloropropane	4.489	77	39499	18.789	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	31604	19.954	ug/l	89
28) Bromochloromethane	4.909	49	22096	21.012	ug/l #	77
29) Tetrahydrofuran	5.019	42	70078	112.704	ug/l #	84
30) Chloroform	5.104	83	52620	19.913	ug/l	97
31) Cyclohexane	5.482	56	36399	19.557	ug/l	89
32) 1,1,1-Trichloroethane	5.397	97	46943	19.824	ug/l	97
36) 1,1-Dichloropropene	5.702	75	36994	19.603	ug/l	98
37) Ethyl Acetate	4.726	43	40984	21.260	ug/l #	94
38) Carbon Tetrachloride	5.690	117	39687	19.359	ug/l	98
39) Methylcyclohexane	7.385	83	37489	18.907	ug/l	88
40) Benzene	6.049	78	107031	19.775	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	21598	21.552	ug/l #	89
42) 1,2-Dichloroethane	6.098	62	43019	20.268	ug/l	96
43) Isopropyl Acetate	6.348	43	64616	21.112	ug/l #	93
44) Trichloroethene	7.135	130	29058	18.934	ug/l	98
45) 1,2-Dichloropropane	7.433	63	26129	19.579	ug/l	99
46) Dibromomethane	7.586	93	21365	20.322	ug/l	94
47) Bromodichloromethane	7.830	83	40032	19.880	ug/l	97
48) Methyl methacrylate	7.702	41	30482	20.422	ug/l #	86
49) 1,4-Dioxane	7.665	88	18560	461.718	ug/l #	86
51) 4-Methyl-2-Pentanone	8.579	43	202914	109.184	ug/l	92
52) Toluene	8.720	92	68855	19.254	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	41919	19.551	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	44956	19.403	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	29670	20.375	ug/l	99
56) Ethyl methacrylate	9.122	69	45349	19.882	ug/l	90
57) 1,3-Dichloropropane	9.311	76	49244	20.060	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	114113	104.252	ug/l	93
59) 2-Hexanone	9.433	43	158310	111.719	ug/l	90
60) Dibromochloromethane	9.524	129	30483	19.662	ug/l	99
61) 1,2-Dibromoethane	9.616	107	32329	20.278	ug/l	100
64) Tetrachloroethene	9.274	164	26013	19.694	ug/l	98
65) Chlorobenzene	10.079	112	74509	19.470	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	27660	19.584	ug/l	99
67) Ethyl Benzene	10.195	91	129185	19.184	ug/l	100
68) m/p-Xylenes	10.305	106	100106	38.496	ug/l	100
69) o-Xylene	10.646	106	48494	18.901	ug/l	98
70) Styrene	10.658	104	80608	19.073	ug/l	99
71) Bromoform	10.799	173	21277	20.139	ug/l #	100
73) Isopropylbenzene	10.963	105	125280	19.440	ug/l	99
74) N-amyl acetate	10.847	43	51640	20.622	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	44943	20.708	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	37533m	19.877	ug/l	
77) Bromobenzene	11.201	156	30555	19.413	ug/l	96
78) n-propylbenzene	11.305	91	140094	19.522	ug/l	98
79) 2-Chlorotoluene	11.366	91	89241	19.460	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	106380	19.788	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12875	19.044	ug/l	93
82) 4-Chlorotoluene	11.457	91	103706	19.591	ug/l	99
83) tert-Butylbenzene	11.713	119	100498	19.602	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	106850	19.666	ug/l	98
85) sec-Butylbenzene	11.890	105	119018	19.874	ug/l	100
86) p-Isopropyltoluene	12.012	119	100342	19.464	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	56269	19.095	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	59148	19.428	ug/l	99
89) n-Butylbenzene	12.335	91	82669	19.342	ug/l	99
90) Hexachloroethane	12.536	117	16394	19.053	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	56680	19.643	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11034	21.880	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	32162	19.049	ug/l	99
94) Hexachlorobutadiene	13.725	225	12609	19.331	ug/l	97
95) Naphthalene	13.774	128	128211	17.336	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	33295	19.849	ug/l	99

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

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