

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037349.D
 Acq On : 29 Aug 2023 18:06
 Operator : JC/MD
 Sample : VX0829MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829MBS02

Quant Time: Aug 30 02:09:01 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 : John Carlone 08/30/2023
 Supervised By : Mahesh Dadoda 08/31/2023

08/30/2023
 Supervised By : Mahesh
 Dadoda

08/31/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	127180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229091	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108786	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	83191	45.372	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.740%
35) Dibromofluoromethane	5.385	113	70478	46.452	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.900%
50) Toluene-d8	8.647	98	242280	44.023	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.040%#
62) 4-Bromofluorobenzene	11.079	95	97788	45.214	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.420%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	27374	18.529	ug/l	95
3) Chloromethane	1.306	50	29430	22.770	ug/l	95
4) Vinyl Chloride	1.373	62	28185	20.034	ug/l	96
5) Bromomethane	1.599	94	11064	15.788	ug/l	99
6) Chloroethane	1.678	64	24426	29.505	ug/l	97
7) Trichlorofluoromethane	1.886	101	41876	18.171	ug/l	98
8) Diethyl Ether	2.136	74	18189	20.401	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	23640	17.584	ug/l	96
10) Methyl Iodide	2.446	142	20377	12.471	ug/l	95
11) Tert butyl alcohol	2.965	59	46194	107.402	ug/l #	94
12) 1,1-Dichloroethene	2.318	96	24329	18.583	ug/l	84
13) Acrolein	2.239	56	22323	68.225	ug/l	100
14) Allyl chloride	2.660	41	37526	18.519	ug/l #	90
15) Acrylonitrile	3.062	53	82042	106.870	ug/l	99
16) Acetone	2.379	43	69557	96.971	ug/l #	89
17) Carbon Disulfide	2.507	76	56261	16.895	ug/l	99
18) Methyl Acetate	2.702	43	54927	20.338	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	99094	19.957	ug/l	94
20) Methylene Chloride	2.788	84	32441	20.224	ug/l	84
21) trans-1,2-Dichloroethene	3.093	96	27668	18.591	ug/l	88
22) Diisopropyl ether	3.763	45	83066	19.976	ug/l #	86
23) Vinyl Acetate	3.721	43	311125	97.638	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	51227	19.645	ug/l	95
25) 2-Butanone	4.556	43	108142	100.129	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	33516	14.392	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	34175	19.478	ug/l	87
28) Bromochloromethane	4.897	49	19815	17.011	ug/l #	80
29) Tetrahydrofuran	5.007	42	68161	98.961	ug/l #	81
30) Chloroform	5.092	83	57248	19.557	ug/l	96
31) Cyclohexane	5.470	56	36936	17.916	ug/l #	84
32) 1,1,1-Trichloroethane	5.385	97	48681	18.558	ug/l	96
36) 1,1-Dichloropropene	5.690	75	36198	16.793	ug/l	97
37) Ethyl Acetate	4.720	43	41814	18.990	ug/l #	93
38) Carbon Tetrachloride	5.678	117	40197	17.167	ug/l	100
39) Methylcyclohexane	7.378	83	41979	18.536	ug/l	90
40) Benzene	6.043	78	119071	19.261	ug/l	99

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41) Methacrylonitrile	4.928	41	21675	18.936	ug/l	#	87
42) 1,2-Dichloroethane	6.092	62	45272	18.674	ug/l		95
43) Isopropyl Acetate	6.342	43	64594	18.478	ug/l	#	91
44) Trichloroethene	7.129	130	30285	17.276	ug/l		97
45) 1,2-Dichloropropane	7.433	63	29555	19.389	ug/l		98
46) Dibromomethane	7.580	93	22782	18.972	ug/l		93
47) Bromodichloromethane	7.824	83	42414	18.440	ug/l		99
48) Methyl methacrylate	7.696	41	31379	18.406	ug/l	#	82
49) 1,4-Dioxane	7.665	88	19423	423.030	ug/l	#	88
51) 4-Methyl-2-Pentanone	8.573	43	212576	100.142	ug/l		89
52) Toluene	8.720	92	77495	18.972	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	41771	17.056	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	46084	17.413	ug/l	#	85
55) 1,1,2-Trichloroethane	9.153	97	32968	19.821	ug/l		95
56) Ethyl methacrylate	9.116	69	50377	19.337	ug/l	#	85
57) 1,3-Dichloropropane	9.311	76	54771	19.534	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	135007	107.985	ug/l		92
59) 2-Hexanone	9.433	43	163541	101.042	ug/l		86
60) Dibromochloromethane	9.524	129	33416	18.870	ug/l		99
61) 1,2-Dibromoethane	9.610	107	35354	19.414	ug/l		98
64) Tetrachloroethene	9.274	164	24903	15.850	ug/l		97
65) Chlorobenzene	10.079	112	84424	18.547	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	31914	18.996	ug/l		99
67) Ethyl Benzene	10.195	91	144924	18.094	ug/l		100
68) m/p-Xylenes	10.305	106	113843	36.805	ug/l		97
69) o-Xylene	10.640	106	57284	18.771	ug/l		99
70) Styrene	10.652	104	93716	18.643	ug/l		97
71) Bromoform	10.799	173	23099	18.381	ug/l	#	100
73) Isopropylbenzene	10.963	105	144854	18.319	ug/l		99
74) N-amyl acetate	10.841	43	56598	18.421	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	54278	20.383	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	43746m	18.882	ug/l		
77) Bromobenzene	11.201	156	35871	18.575	ug/l		91
78) n-propylbenzene	11.305	91	160715	18.253	ug/l		100
79) 2-Chlorotoluene	11.366	91	103867	18.460	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	124921	18.939	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	11956	14.414	ug/l		95
82) 4-Chlorotoluene	11.457	91	117021	18.017	ug/l		99
83) tert-Butylbenzene	11.713	119	127114	20.207	ug/l		95
84) 1,2,4-Trimethylbenzene	11.750	105	127182	19.079	ug/l		97
85) sec-Butylbenzene	11.890	105	145487	19.801	ug/l		99
86) p-Isopropyltoluene	12.012	119	123895	19.588	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	66195	18.309	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	67295	18.016	ug/l		99
89) n-Butylbenzene	12.335	91	96968	18.491	ug/l		99
90) Hexachloroethane	12.536	117	20964	19.857	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	69758	19.704	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11677	18.872	ug/l		80
93) 1,2,4-Trichlorobenzene	13.585	180	39069	18.860	ug/l		97
94) Hexachlorobutadiene	13.725	225	15983	19.972	ug/l		97
95) Naphthalene	13.774	128	149945	16.524	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	40950	19.897	ug/l		99

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

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