

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037814.D
 Acq On : 19 Sep 2023 18:23
 Operator : JC/MD
 Sample : VX0919MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919MBS01

Quant Time: Sep 20 01:06:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/20/2023
 Supervised By : Mahesh Dadoda 09/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	233383	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	390916	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164310	53.586	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.180%			
35) Dibromofluoromethane	5.391	113	139501	53.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.660%			
50) Toluene-d8	8.647	98	518776	53.379	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.760%			
62) 4-Bromofluorobenzene	11.079	95	193792	54.874	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.740%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	46627	18.955	ug/l	96
3) Chloromethane	1.301	50	49732	18.581	ug/l	96
4) Vinyl Chloride	1.374	62	54809	18.981	ug/l	99
5) Bromomethane	1.605	94	41450	20.052	ug/l	99
6) Chloroethane	1.691	64	35671	17.932	ug/l	90
7) Trichlorofluoromethane	1.892	101	92093	19.838	ug/l	99
8) Diethyl Ether	2.136	74	34197	19.014	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	45368	19.257	ug/l	96
10) Methyl Iodide	2.453	142	56066	17.983	ug/l	94
11) Tert butyl alcohol	2.953	59	66299	100.732	ug/l	96
12) 1,1-Dichloroethene	2.319	96	44471	19.532	ug/l	84
13) Acrolein	2.233	56	60908	93.674	ug/l	100
14) Allyl chloride	2.666	41	68955	18.184	ug/l	# 95
15) Acrylonitrile	3.063	53	136203	93.076	ug/l	99
16) Acetone	2.380	43	113300	76.810	ug/l	92
17) Carbon Disulfide	2.514	76	99167	17.372	ug/l	98
18) Methyl Acetate	2.703	43	98193	18.453	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	161078	19.232	ug/l	97
20) Methylene Chloride	2.788	84	55419	20.307	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	49621	19.627	ug/l	89
22) Diisopropyl ether	3.764	45	154963	19.618	ug/l	90
23) Vinyl Acetate	3.721	43	563229	96.940	ug/l	96
24) 1,1-Dichloroethane	3.611	63	91143	19.255	ug/l	99
25) 2-Butanone	4.556	43	177268	85.161	ug/l	95
26) 2,2-Dichloropropane	4.477	77	64715	16.920	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	59726	19.269	ug/l	90
28) Bromochloromethane	4.898	49	40825	18.488	ug/l	# 80
29) Tetrahydrofuran	5.007	42	117891	91.051	ug/l	90
30) Chloroform	5.099	83	100725	19.754	ug/l	100
31) Cyclohexane	5.477	56	73978	18.797	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	84316	19.529	ug/l	97
36) 1,1-Dichloropropene	5.696	75	68925	19.129	ug/l	96
37) Ethyl Acetate	4.715	43	70179	17.717	ug/l	95
38) Carbon Tetrachloride	5.684	117	72091	19.122	ug/l	97
39) Methylcyclohexane	7.385	83	86084	18.824	ug/l	92
40) Benzene	6.038	78	212452	19.174	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	36459	18.051	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	77468	19.344	ug/l	97
43) Isopropyl Acetate	6.342	43	118266	18.672	ug/l	96
44) Trichloroethene	7.129	130	56416	18.283	ug/l	97
45) 1,2-Dichloropropane	7.434	63	54454	18.924	ug/l	95
46) Dibromomethane	7.580	93	40721	19.673	ug/l	93
47) Bromodichloromethane	7.824	83	73756	19.348	ug/l	96
48) Methyl methacrylate	7.696	41	55860	18.448	ug/l #	86
49) 1,4-Dioxane	7.659	88	26192	329.955	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	372651	92.731	ug/l	96
52) Toluene	8.720	92	139174	19.490	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	75484	18.937	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	82958	18.805	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	59503	19.764	ug/l	98
56) Ethyl methacrylate	9.116	69	85039	18.920	ug/l	90
57) 1,3-Dichloropropane	9.311	76	93544	19.201	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	194497	92.671	ug/l	99
59) 2-Hexanone	9.427	43	280952	89.792	ug/l	93
60) Dibromochloromethane	9.519	129	57222	19.079	ug/l	100
61) 1,2-Dibromoethane	9.610	107	63229	19.835	ug/l	100
64) Tetrachloroethene	9.275	164	47922	18.756	ug/l	98
65) Chlorobenzene	10.080	112	151585	18.757	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	54477	19.022	ug/l	99
67) Ethyl Benzene	10.195	91	267041	19.059	ug/l	100
68) m/p-Xylenes	10.299	106	208343	38.482	ug/l	97
69) o-Xylene	10.640	106	101603	18.715	ug/l	98
70) Styrene	10.653	104	169026	19.393	ug/l	96
71) Bromoform	10.799	173	41568	18.374	ug/l #	98
73) Isopropylbenzene	10.964	105	265967	17.823	ug/l	98
74) N-amyl acetate	10.842	43	106683	17.653	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	94476	18.002	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82789m	17.598	ug/l	
77) Bromobenzene	11.201	156	67636	18.312	ug/l	88
78) n-propylbenzene	11.305	91	314008	18.633	ug/l	99
79) 2-Chlorotoluene	11.366	91	186681	17.966	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	227967	18.090	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22940	15.621	ug/l	95
82) 4-Chlorotoluene	11.451	91	216090	18.472	ug/l	96
83) tert-Butylbenzene	11.713	119	226520	17.785	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	229688	18.319	ug/l	98
85) sec-Butylbenzene	11.890	105	291203	18.846	ug/l	100
86) p-Isopropyltoluene	12.006	119	242544	18.840	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	129073	18.747	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	130359	18.503	ug/l	98
89) n-Butylbenzene	12.329	91	221393	19.631	ug/l	98
90) Hexachloroethane	12.536	117	38074	17.455	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	129492	18.422	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18319	17.511	ug/l	75
93) 1,2,4-Trichlorobenzene	13.585	180	85028	20.535	ug/l	96
94) Hexachlorobutadiene	13.725	225	37835	19.567	ug/l	98
95) Naphthalene	13.774	128	272552	19.463	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	82131	19.274	ug/l	97

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

