

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090123\
 Data File : VX037468.D
 Acq On : 01 Sep 2023 16:32
 Operator : JC/MD
 Sample : VX0901MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2023
 Supervised By : Semsettin Yesilyurt 09/04/2023

Quant Time: Sep 02 04:30:48 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	5.550	168	120257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219681	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95542	55.108	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.220%			
35) Dibromofluoromethane	5.385	113	82045	56.392	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.780%			
50) Toluene-d8	8.647	98	271697	51.483	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.960%			
62) 4-Bromofluorobenzene	11.079	95	109633	52.862	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22246	15.925	ug/l	97
3) Chloromethane	1.294	50	24618	20.144	ug/l	99
4) Vinyl Chloride	1.374	62	24697	18.566	ug/l	99
5) Bromomethane	1.611	94	15860	23.935	ug/l	94
6) Chloroethane	1.685	64	17220	21.998	ug/l	96
7) Trichlorofluoromethane	1.886	101	38316	17.584	ug/l	98
8) Diethyl Ether	2.130	74	18966	22.497	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	22033	17.332	ug/l	96
10) Methyl Iodide	2.453	142	32816	21.240	ug/l	93
11) Tert butyl alcohol	2.971	59	39657	97.511	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	22716	18.350	ug/l	83
13) Acrolein	2.239	56	23064	74.547	ug/l	98
14) Allyl chloride	2.666	41	37739	19.696	ug/l #	91
15) Acrylonitrile	3.062	53	78885	108.673	ug/l	99
16) Acetone	2.380	43	67953	100.189	ug/l #	86
17) Carbon Disulfide	2.514	76	47463	15.073	ug/l	99
18) Methyl Acetate	2.703	43	55879	21.881	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	104690	22.298	ug/l	97
20) Methylene Chloride	2.788	84	34009	22.422	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	26707	18.978	ug/l	86
22) Diisopropyl ether	3.757	45	85437	21.729	ug/l #	95
23) Vinyl Acetate	3.721	43	318960	105.860	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	51456	20.869	ug/l	96
25) 2-Butanone	4.556	43	104178	102.011	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	39791	18.070	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	34915	21.046	ug/l	88
28) Bromochloromethane	4.897	49	24688	22.414	ug/l #	70
29) Tetrahydrofuran	5.007	42	66486	102.086	ug/l #	81
30) Chloroform	5.092	83	57451	20.757	ug/l	98
31) Cyclohexane	5.470	56	33663	17.268	ug/l #	85
32) 1,1,1-Trichloroethane	5.385	97	46066	18.573	ug/l	96
36) 1,1-Dichloropropene	5.690	75	34373	16.629	ug/l	96
37) Ethyl Acetate	4.714	43	40100	18.992	ug/l #	92
38) Carbon Tetrachloride	5.678	117	36629	16.313	ug/l	98
39) Methylcyclohexane	7.379	83	38753	17.845	ug/l	92
40) Benzene	6.037	78	117726	19.859	ug/l	97

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41) Methacrylonitrile	4.916	41	21526	19.611	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	45056	19.381	ug/l	92
43) Isopropyl Acetate	6.342	43	66136	19.729	ug/l #	91
44) Trichloroethene	7.129	130	32059	19.072	ug/l	91
45) 1,2-Dichloropropane	7.433	63	30715	21.013	ug/l	99
46) Dibromomethane	7.586	93	23024	19.995	ug/l	92
47) Bromodichloromethane	7.824	83	42296	19.177	ug/l	96
48) Methyl methacrylate	7.696	41	32276	19.743	ug/l #	83
49) 1,4-Dioxane	7.677	88	16529	375.420	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	208974	102.662	ug/l	89
52) Toluene	8.720	92	75772	19.345	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	44744	19.053	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	49061	19.332	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	34816	21.829	ug/l	97
56) Ethyl methacrylate	9.116	69	51804	20.736	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	56744	21.105	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	130253	108.645	ug/l	93
59) 2-Hexanone	9.433	43	156357	100.742	ug/l	87
60) Dibromochloromethane	9.518	129	32928	19.391	ug/l	99
61) 1,2-Dibromoethane	9.610	107	36055	20.647	ug/l	99
64) Tetrachloroethene	9.275	164	23399	15.808	ug/l	98
65) Chlorobenzene	10.079	112	82589	19.259	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	31843	20.119	ug/l	100
67) Ethyl Benzene	10.195	91	138998	18.420	ug/l	99
68) m/p-Xylenes	10.299	106	107696	36.958	ug/l	99
69) o-Xylene	10.640	106	55768	19.398	ug/l	98
70) Styrene	10.652	104	91918	19.409	ug/l	96
71) Bromoform	10.799	173	22708	19.181	ug/l #	100
73) Isopropylbenzene	10.963	105	137131	19.137	ug/l	99
74) N-amyl acetate	10.841	43	55236	19.838	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	52148	21.609	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42905m	20.435	ug/l	
77) Bromobenzene	11.195	156	35501	20.286	ug/l	91
78) n-propylbenzene	11.305	91	150307	18.837	ug/l	99
79) 2-Chlorotoluene	11.366	91	98085	19.236	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	116872	19.552	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12914	17.180	ug/l	94
82) 4-Chlorotoluene	11.451	91	110427	18.761	ug/l	98
83) tert-Butylbenzene	11.713	119	117099	20.541	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	119017	19.701	ug/l	98
85) sec-Butylbenzene	11.890	105	136108	20.441	ug/l	99
86) p-Isopropyltoluene	12.006	119	116527	20.329	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	61790	18.859	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	62425	18.441	ug/l	99
89) n-Butylbenzene	12.335	91	91541	19.262	ug/l	98
90) Hexachloroethane	12.536	117	18445	19.279	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	64990	20.256	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11140	19.867	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	37726	20.096	ug/l	98
94) Hexachlorobutadiene	13.725	225	14346	19.781	ug/l	98
95) Naphthalene	13.774	128	152950	18.599	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	39840	21.361	ug/l	99

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

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