

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035492.D
 Acq On : 02 May 2023 20:14
 Operator : JC/MD
 Sample : 02558-03MSD
 Misc : 4.55g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SS011-0006-01MSD

Quant Time: May 03 03:18:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/03/2023
 Supervised By : Mahesh Dadoda 05/03/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	254966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	400484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156981	51.034	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.060%			
35) Dibromofluoromethane	5.385	113	127579	51.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.800%			
50) Toluene-d8	8.647	98	473777	51.094	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.180%			
62) 4-Bromofluorobenzene	11.085	95	181121	51.924	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.840%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	68755	25.485	ug/l	97
3) Chloromethane	1.294	50	99532	40.555	ug/l	98
4) Vinyl Chloride	1.374	62	60089	24.411	ug/l	99
5) Bromomethane	1.617	94	49120	30.024	ug/l	100
6) Chloroethane	1.691	64	17883	12.422	ug/l	91
7) Trichlorofluoromethane	1.867	101	125161	32.515	ug/l	98
8) Diethyl Ether	2.130	74	58662	41.797	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.300	101	116769	45.418	ug/l	94
10) Methyl Iodide	2.434	142	80131	24.695	ug/l	95
11) Tert butyl alcohol	3.075	59	30502	54.460	ug/l #	73
12) 1,1-Dichloroethene	2.294	96	103219	41.682	ug/l	98
13) Acrolein	2.239	56	128235	232.816	ug/l	100
14) Allyl chloride	2.654	41	158192	36.300	ug/l	98
15) Acrylonitrile	3.081	53	316744	226.114	ug/l	99
16) Acetone	2.410	43	260842	195.246	ug/l	95
17) Carbon Disulfide	2.489	76	220638	37.167	ug/l	100
18) Methyl Acetate	2.715	43	259284	50.189	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	422434	49.723	ug/l	94
20) Methylene Chloride	2.782	84	126067	41.154	ug/l	90
21) trans-1,2-Dichloroethene	3.081	96	121406	45.141	ug/l	93
22) Diisopropyl ether	3.770	45	390282	45.257	ug/l #	81
23) Vinyl Acetate	3.721	43	1403862	236.831	ug/l	98
24) 1,1-Dichloroethane	3.599	63	225874	46.500	ug/l	99
25) 2-Butanone	4.580	43	386147	198.027	ug/l	92
26) 2,2-Dichloropropane	4.465	77	179498	47.167	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	148151	46.862	ug/l	94
28) Bromochloromethane	4.897	49	92750	44.806	ug/l #	81
29) Tetrahydrofuran	5.025	42	275380	220.299	ug/l	92
30) Chloroform	5.092	83	241155	49.178	ug/l	98
31) Cyclohexane	5.458	56	197769	45.324	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	213775	49.744	ug/l	96
36) 1,1-Dichloropropene	5.684	75	179650	46.807	ug/l	98
37) Ethyl Acetate	4.727	43	195148	55.669	ug/l	99
38) Carbon Tetrachloride	5.672	117	181861	49.913	ug/l	98
39) Methylcyclohexane	7.373	83	225110	48.184	ug/l	98
40) Benzene	6.031	78	516670	46.926	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	89582	44.598	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	193652	49.329	ug/l	97
43) Isopropyl Acetate	6.348	43	300144	50.956	ug/l	96
44) Trichloroethene	7.123	130	147123	48.506	ug/l	96
45) 1,2-Dichloropropane	7.427	63	134399	48.418	ug/l	98
46) Dibromomethane	7.580	93	92579	48.568	ug/l	91
47) Bromodichloromethane	7.824	83	176963	50.387	ug/l	98
48) Methyl methacrylate	7.696	41	142717	49.394	ug/l	91
49) 1,4-Dioxane	7.750	88	59242	841.156	ug/l #	77
51) 4-Methyl-2-Pentanone	8.580	43	528483	146.038	ug/l	97
52) Toluene	8.714	92	338506	48.503	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	197034	53.720	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	215469	51.974	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	136066	48.906	ug/l	96
56) Ethyl methacrylate	9.122	69	208245	50.246	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	229247	48.174	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	542256	261.663	ug/l	94
59) 2-Hexanone	9.464	43	607512	223.463	ug/l	93
60) Dibromochloromethane	9.525	129	136475	51.197	ug/l	100
61) 1,2-Dibromoethane	9.610	107	143399	49.997	ug/l	99
64) Tetrachloroethene	9.275	164	125809	46.920	ug/l	96
65) Chlorobenzene	10.079	112	364955	48.169	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	138443	52.504	ug/l	98
67) Ethyl Benzene	10.195	91	656529	50.037	ug/l	99
68) m/p-Xylenes	10.299	106	507138	100.870	ug/l	99
69) o-Xylene	10.640	106	251306	50.974	ug/l	100
70) Styrene	10.659	104	401156	50.184	ug/l	98
71) Bromoform	10.811	173	94221	51.372	ug/l	99
73) Isopropylbenzene	10.963	105	654999	53.009	ug/l	100
74) N-amyl acetate	10.854	43	254695	54.849	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.219	83	199296	51.965	ug/l	100
76) 1,2,3-Trichloropropane	11.250	75	170213m	50.480	ug/l	
77) Bromobenzene	11.201	156	157486	51.274	ug/l	89
78) n-propylbenzene	11.305	91	765991	53.977	ug/l	100
79) 2-Chlorotoluene	11.366	91	453792	51.174	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	614317	58.963	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	53748	51.627	ug/l	98
82) 4-Chlorotoluene	11.457	91	511219	51.328	ug/l	99
83) tert-Butylbenzene	11.719	119	553379	52.936	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	738666	70.561	ug/l	100
85) sec-Butylbenzene	11.890	105	693685	54.098	ug/l	99
86) p-Isopropyltoluene	12.012	119	598101	54.843	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	289524	49.601	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	290070	47.397	ug/l	98
89) n-Butylbenzene	12.335	91	611198	66.389	ug/l #	86
90) Hexachloroethane	12.542	117	114638	68.669	ug/l	91
91) 1,2-Dichlorobenzene	12.341	146	281897	48.286	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	45911	59.700	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	196639	53.585	ug/l	95
94) Hexachlorobutadiene	13.725	225	100626	62.480	ug/l	98
95) Naphthalene	13.780	128	850702	75.303	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	192559	52.126	ug/l	95

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

