

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042151.D
 Acq On : 02 Jul 2024 19:39
 Operator : JC/MD
 Sample : VX0702MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702MBS01

Quant Time: Jul 03 03:39:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/03/2024
 Supervised By : Semsettin Yesilyurt 07/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	158386	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	229170	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85013	46.547	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.100%		
35) Dibromofluoromethane	5.385	113	80282	49.372	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	8.647	98	267981	46.911	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.820%		
62) 4-Bromofluorobenzene	11.079	95	102142	48.506	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.020%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	26828	22.234	ug/l	97
3) Chloromethane	1.301	50	29944	19.781	ug/l	98
4) Vinyl Chloride	1.374	62	28848	19.011	ug/l	100
5) Bromomethane	1.593	94	14928	19.923	ug/l	94
6) Chloroethane	1.666	64	14899	21.887	ug/l	97
7) Trichlorofluoromethane	1.867	101	43364	21.812	ug/l	99
8) Diethyl Ether	2.136	74	16445	17.622	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	27345	19.967	ug/l	86
10) Methyl Iodide	2.441	142	32332	18.995	ug/l #	84
11) Tert butyl alcohol	2.995	59	32396	93.463	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	27441	20.087	ug/l #	79
13) Acrolein	2.239	56	31919	82.150	ug/l	98
14) Allyl chloride	2.660	41	40978	18.914	ug/l	90
15) Acrylonitrile	3.075	53	87431	96.570	ug/l	98
16) Acetone	2.392	43	67999	84.790	ug/l	90
17) Carbon Disulfide	2.502	76	52821	18.963	ug/l	100
18) Methyl Acetate	2.709	43	37710	17.237	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	89976	19.936	ug/l	99
20) Methylene Chloride	2.782	84	32282	18.383	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	27281	19.677	ug/l	86
22) Diisopropyl ether	3.764	45	89547	19.554	ug/l	94
23) Vinyl Acetate	3.721	43	383544	98.069	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	50530	19.703	ug/l	96
25) 2-Butanone	4.568	43	116993	93.769	ug/l	92
26) 2,2-Dichloropropane	4.471	77	29192	15.719	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	34095	19.635	ug/l	85
28) Bromochloromethane	4.897	49	20945	19.068	ug/l #	72
29) Tetrahydrofuran	5.013	42	78382	97.274	ug/l	92
30) Chloroform	5.093	83	53344	19.966	ug/l	93
31) Cyclohexane	5.464	56	41597	19.475	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	45161	20.229	ug/l	96
36) 1,1-Dichloropropene	5.684	75	34693	20.092	ug/l	96
37) Ethyl Acetate	4.727	43	43864	19.501	ug/l	97
38) Carbon Tetrachloride	5.672	117	38640	20.253	ug/l	95
39) Methylcyclohexane	7.379	83	42852	19.623	ug/l	89
40) Benzene	6.037	78	116715	20.041	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	23995	19.679	ug/l	92
42) 1,2-Dichloroethane	6.086	62	38084	20.302	ug/l	90
43) Isopropyl Acetate	6.348	43	64593	18.708	ug/l #	93
44) Trichloroethene	7.123	130	31779	20.358	ug/l	80
45) 1,2-Dichloropropane	7.434	63	28483	19.891	ug/l	99
46) Dibromomethane	7.580	93	20515	19.663	ug/l #	74
47) Bromodichloromethane	7.824	83	37337	19.491	ug/l	94
48) Methyl methacrylate	7.696	41	31321	19.008	ug/l #	84
49) 1,4-Dioxane	7.671	88	16445	389.597	ug/l #	78
51) 4-Methyl-2-Pentanone	8.574	43	231634	97.394	ug/l	94
52) Toluene	8.720	92	77043	20.775	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	33797	17.554	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	39540	18.854	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	30933	20.023	ug/l	98
56) Ethyl methacrylate	9.116	69	46836	19.487	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	49429	19.804	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	115833	103.422	ug/l	93
59) 2-Hexanone	9.433	43	178766	98.138	ug/l	92
60) Dibromochloromethane	9.519	129	32772	19.529	ug/l	99
61) 1,2-Dibromoethane	9.610	107	32194	20.094	ug/l	99
64) Tetrachloroethene	9.275	164	31392	20.621	ug/l	90
65) Chlorobenzene	10.079	112	86958	19.997	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	30041	19.732	ug/l	97
67) Ethyl Benzene	10.195	91	137404	20.162	ug/l	98
68) m/p-Xylenes	10.299	106	111559	40.552	ug/l	92
69) o-Xylene	10.640	106	55348	20.322	ug/l	92
70) Styrene	10.653	104	92399	20.231	ug/l	95
71) Bromoform	10.799	173	25627	18.487	ug/l #	98
73) Isopropylbenzene	10.963	105	141213	20.460	ug/l	97
74) N-amyl acetate	10.842	43	56666	18.483	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	48926	19.064	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	38507m	18.686	ug/l	
77) Bromobenzene	11.195	156	41277	20.080	ug/l	76
78) n-propylbenzene	11.305	91	148710	19.858	ug/l	96
79) 2-Chlorotoluene	11.366	91	97542	20.216	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	117920	20.512	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	11421	15.740	ug/l	97
82) 4-Chlorotoluene	11.457	91	105726	19.822	ug/l	92
83) tert-Butylbenzene	11.713	119	125152	19.840	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	119407	20.703	ug/l	93
85) sec-Butylbenzene	11.890	105	145244	20.357	ug/l	97
86) p-Isopropyltoluene	12.012	119	125529	20.141	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	70971	19.643	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	71833	19.377	ug/l	95
89) n-Butylbenzene	12.335	91	89163	18.585	ug/l	97
90) Hexachloroethane	12.536	117	19557	18.431	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	73238	19.809	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9382	18.448	ug/l #	45
93) 1,2,4-Trichlorobenzene	13.585	180	45085	18.615	ug/l	96
94) Hexachlorobutadiene	13.725	225	23225	18.964	ug/l	100
95) Naphthalene	13.774	128	142055	17.942	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	48050	18.811	ug/l	96

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

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