

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
 Data File : VX041797.D
 Acq On : 10 Jun 2024 09:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/11/2024
 Supervised By :Semsettin Yesilyurt 06/11/2024

Quant Time: Jun 11 03:43:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	198446	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	286325	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	113313	46.557	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.120%		
35) Dibromofluoromethane	5.379	113	91849	46.397	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.800%		
50) Toluene-d8	8.646	98	325700	47.086	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.180%		
62) 4-Bromofluorobenzene	11.079	95	121882	47.741	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	85547	49.060	ug/l	95
3) Chloromethane	1.300	50	86752	45.598	ug/l	97
4) Vinyl Chloride	1.373	62	92640	47.301	ug/l	99
5) Bromomethane	1.599	94	58805	43.112	ug/l	100
6) Chloroethane	1.666	64	54452	45.999	ug/l	97
7) Trichlorofluoromethane	1.867	101	163519	51.127	ug/l	97
8) Diethyl Ether	2.135	74	66312	53.797	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.318	101	90142	49.741	ug/l	90
10) Methyl Iodide	2.446	142	103697	45.887	ug/l	91
11) Tert butyl alcohol	3.001	59	106417	247.164	ug/l	# 92
12) 1,1-Dichloroethene	2.312	96	84496	47.766	ug/l	89
13) Acrolein	2.239	56	92156	229.882	ug/l	99
14) Allyl chloride	2.660	41	150520	51.722	ug/l	99
15) Acrylonitrile	3.068	53	266980	252.847	ug/l	100
16) Acetone	2.385	43	289316	276.488	ug/l	97
17) Carbon Disulfide	2.501	76	182293	46.583	ug/l	99
18) Methyl Acetate	2.709	43	127360	54.803	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	294648	49.785	ug/l	99
20) Methylene Chloride	2.788	84	96934	44.504	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	87330	47.582	ug/l	93
22) Diisopropyl ether	3.763	45	301761	50.738	ug/l	87
23) Vinyl Acetate	3.721	43	1376903	257.700	ug/l	97
24) 1,1-Dichloroethane	3.605	63	167265	49.737	ug/l	97
25) 2-Butanone	4.562	43	395456	261.428	ug/l	99
26) 2,2-Dichloropropane	4.464	77	138750	50.286	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	108013	49.232	ug/l	93
28) Bromochloromethane	4.891	49	67848	46.842	ug/l	84
29) Tetrahydrofuran	5.007	42	240852	252.472	ug/l	97
30) Chloroform	5.086	83	175989	49.843	ug/l	97
31) Cyclohexane	5.464	56	138756	48.288	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	153725	49.682	ug/l	98
36) 1,1-Dichloropropene	5.684	75	115795	48.307	ug/l	97
37) Ethyl Acetate	4.714	43	146138	48.308	ug/l	100
38) Carbon Tetrachloride	5.671	117	133946	49.184	ug/l	99
39) Methylcyclohexane	7.372	83	148489	50.422	ug/l	94
40) Benzene	6.031	78	365835	48.827	ug/l	100

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 Supervised By :Semsettin Yesilyurt 06/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	78692	53.190	ug/l	95
42) 1,2-Dichloroethane	6.080	62	136176	48.686	ug/l	97
43) Isopropyl Acetate	6.342	43	226292	49.546	ug/l	98
44) Trichloroethene	7.122	130	99362	48.761	ug/l	93
45) 1,2-Dichloropropane	7.427	63	90963	51.062	ug/l	100
46) Dibromomethane	7.580	93	69449	50.828	ug/l #	82
47) Bromodichloromethane	7.817	83	133484	52.762	ug/l	99
48) Methyl methacrylate	7.689	41	114325	52.123	ug/l	95
49) 1,4-Dioxane	7.665	88	49717	1037.425	ug/l #	86
51) 4-Methyl-2-Pentanone	8.573	43	772242	260.744	ug/l	99
52) Toluene	8.714	92	235391	49.505	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	134144	53.866	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	143594	52.123	ug/l	94
55) 1,1,2-Trichloroethane	9.152	97	96633	50.415	ug/l	97
56) Ethyl methacrylate	9.116	69	153710	52.539	ug/l	100
57) 1,3-Dichloropropane	9.305	76	158824	49.910	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	351670	255.323	ug/l	96
59) 2-Hexanone	9.433	43	602001	266.609	ug/l	98
60) Dibromochloromethane	9.518	129	112686	52.997	ug/l	99
61) 1,2-Dibromoethane	9.610	107	99784	49.325	ug/l	97
64) Tetrachloroethene	9.268	164	94949	48.358	ug/l	92
65) Chlorobenzene	10.079	112	272418	48.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	99500	51.001	ug/l	99
67) Ethyl Benzene	10.195	91	451178	50.354	ug/l	99
68) m/p-Xylenes	10.299	106	361929	101.537	ug/l	93
69) o-Xylene	10.640	106	176813	49.863	ug/l	95
70) Styrene	10.652	104	304123	51.926	ug/l	96
71) Bromoform	10.799	173	90751	53.413	ug/l #	99
73) Isopropylbenzene	10.963	105	462072	50.913	ug/l	97
74) N-amyl acetate	10.841	43	211843	52.693	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	157970	49.046	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	127122m	49.797	ug/l	
77) Bromobenzene	11.195	156	130093	48.562	ug/l	82
78) n-propylbenzene	11.305	91	523204	52.500	ug/l	97
79) 2-Chlorotoluene	11.366	91	316851	49.466	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	390092	51.480	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	48966	52.278	ug/l	96
82) 4-Chlorotoluene	11.451	91	367621	50.448	ug/l	93
83) tert-Butylbenzene	11.713	119	411159	50.372	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	396427	51.635	ug/l	94
85) sec-Butylbenzene	11.890	105	492416	52.621	ug/l	96
86) p-Isopropyltoluene	12.006	119	440521	53.675	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	236358	49.403	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	240101	48.684	ug/l	95
89) n-Butylbenzene	12.329	91	358477	55.175	ug/l	98
90) Hexachloroethane	12.536	117	73343	52.542	ug/l	67
91) 1,2-Dichlorobenzene	12.335	146	240373	49.325	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.944	75	34865	53.583	ug/l	65
93) 1,2,4-Trichlorobenzene	13.591	180	169219	52.687	ug/l	94
94) Hexachlorobutadiene	13.725	225	82398	51.783	ug/l	98
95) Naphthalene	13.774	128	498092	52.553	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	170550	51.596	ug/l	96

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

