

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042811.D
 Acq On : 01 Aug 2024 22:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 02 03:21:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/03/2024
 Supervised By :Semsettin Yesilyurt 08/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	89439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	166463	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78175	54.405	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.800%			
35) Dibromofluoromethane	5.385	113	56743	49.344	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.680%			
50) Toluene-d8	8.647	98	204979	49.109	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.220%			
62) 4-Bromofluorobenzene	11.079	95	74255	48.680	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	72346	51.044	ug/l	99
3) Chloromethane	1.301	50	58643	53.561	ug/l	96
4) Vinyl Chloride	1.374	62	58427	52.668	ug/l	100
5) Bromomethane	1.599	94	19108	49.991	ug/l	91
6) Chloroethane	1.666	64	20143	50.293	ug/l	96
7) Trichlorofluoromethane	1.868	101	86322	57.979	ug/l	97
8) Diethyl Ether	2.136	74	30880	54.435	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.319	101	56672	50.462	ug/l	98
10) Methyl Iodide	2.447	142	55934	52.037	ug/l	99
11) Tert butyl alcohol	2.995	59	67375	252.044	ug/l #	92
12) 1,1-Dichloroethene	2.307	96	51673	47.469	ug/l	91
13) Acrolein	2.240	56	64847	231.232	ug/l	99
14) Allyl chloride	2.660	41	71635	51.184	ug/l #	95
15) Acrylonitrile	3.069	53	163399	276.850	ug/l	100
16) Acetone	2.392	43	147722	283.119	ug/l	96
17) Carbon Disulfide	2.502	76	117397	47.806	ug/l	98
18) Methyl Acetate	2.709	43	84494	64.524	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	195669	54.219	ug/l	99
20) Methylene Chloride	2.782	84	62418	52.044	ug/l #	88
21) trans-1,2-Dichloroethene	3.087	96	57856	51.510	ug/l	89
22) Diisopropyl ether	3.770	45	168580	56.190	ug/l #	82
23) Vinyl Acetate	3.727	43	754018	289.099	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	107757	55.292	ug/l	97
25) 2-Butanone	4.568	43	224919	293.395	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	60899	36.509	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	69062	52.599	ug/l	88
28) Bromochloromethane	4.910	49	37465	53.630	ug/l	86
29) Tetrahydrofuran	5.013	42	146077	305.915	ug/l	89
30) Chloroform	5.093	83	116871	53.932	ug/l	96
31) Cyclohexane	5.465	56	87400	55.204	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	106717	55.446	ug/l	98
36) 1,1-Dichloropropene	5.690	75	76841	51.527	ug/l	98
37) Ethyl Acetate	4.721	43	84512	55.516	ug/l	97
38) Carbon Tetrachloride	5.672	117	88520	51.506	ug/l	99
39) Methylcyclohexane	7.379	83	94660	50.655	ug/l	91
40) Benzene	6.038	78	237876	50.834	ug/l	98

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 Supervised By :Semsettin Yesilyurt 08/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46518	57.785	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	92744	54.874	ug/l	98
43) Isopropyl Acetate	6.349	43	135883	57.068	ug/l #	94
44) Trichloroethene	7.129	130	59571	48.628	ug/l	98
45) 1,2-Dichloropropane	7.434	63	57911	55.189	ug/l	99
46) Dibromomethane	7.580	93	46141	51.632	ug/l	98
47) Bromodichloromethane	7.824	83	88036	54.023	ug/l	99
48) Methyl methacrylate	7.696	41	69000	58.942	ug/l	89
49) 1,4-Dioxane	7.665	88	31442	1068.572	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	463078	293.646	ug/l	96
52) Toluene	8.720	92	152632	50.274	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	80604	49.928	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	89579	52.234	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	60503	49.273	ug/l	96
56) Ethyl methacrylate	9.116	69	99004	55.670	ug/l	92
57) 1,3-Dichloropropane	9.305	76	103456	53.389	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	234779	286.639	ug/l	96
59) 2-Hexanone	9.433	43	354965	290.258	ug/l	95
60) Dibromochloromethane	9.519	129	64386	51.768	ug/l	99
61) 1,2-Dibromoethane	9.610	107	64382	52.844	ug/l	99
64) Tetrachloroethene	9.275	164	52326	51.758	ug/l	97
65) Chlorobenzene	10.080	112	161731	49.081	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	56923	51.710	ug/l	99
67) Ethyl Benzene	10.195	91	285214	51.481	ug/l	99
68) m/p-Xylenes	10.299	106	220529	104.192	ug/l	99
69) o-Xylene	10.640	106	107273	51.263	ug/l	99
70) Styrene	10.653	104	181827	51.413	ug/l	99
71) Bromoform	10.799	173	41757	50.771	ug/l #	98
73) Isopropylbenzene	10.964	105	274492	52.763	ug/l	99
74) N-amyl acetate	10.842	43	116385	58.199	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	93659	52.167	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	79948m	51.457	ug/l	
77) Bromobenzene	11.195	156	63302	49.134	ug/l	96
78) n-propylbenzene	11.305	91	314268	54.178	ug/l	98
79) 2-Chlorotoluene	11.366	91	193887	51.356	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	234792	52.672	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24978	47.583	ug/l	96
82) 4-Chlorotoluene	11.451	91	221013	51.589	ug/l	100
83) tert-Butylbenzene	11.713	119	227329	51.173	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	235899	53.004	ug/l	99
85) sec-Butylbenzene	11.890	105	288113	52.973	ug/l	99
86) p-Isopropyltoluene	12.006	119	235197	51.294	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	116240	48.370	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	114689	47.511	ug/l	97
89) n-Butylbenzene	12.329	91	197261	52.574	ug/l	100
90) Hexachloroethane	12.536	117	40627	50.015	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	117416	49.400	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22356	55.962	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	66634	48.832	ug/l	96
94) Hexachlorobutadiene	13.725	225	26972	45.517	ug/l	98
95) Naphthalene	13.774	128	264234	50.745	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	69051	49.231	ug/l	98

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

