

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081524\
 Data File : VX043059.D
 Acq On : 15 Aug 2024 18:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 16 01:39:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/16/2024
 Supervised By :Semsettin Yesilyurt 08/16/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	107102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193763	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71825	51.036	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.080%			
35) Dibromofluoromethane	5.385	113	60920	50.822	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.640%			
50) Toluene-d8	8.647	98	228865	49.461	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.920%			
62) 4-Bromofluorobenzene	11.079	95	81457	48.549	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	59800	55.225	ug/l	98
3) Chloromethane	1.300	50	82946	51.747	ug/l	98
4) Vinyl Chloride	1.374	62	83231	51.697	ug/l	99
5) Bromomethane	1.599	94	27808	57.002	ug/l	99
6) Chloroethane	1.666	64	34586	68.161	ug/l	97
7) Trichlorofluoromethane	1.867	101	108781	64.621	ug/l	100
8) Diethyl Ether	2.136	74	45136	57.960	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.312	101	63339	52.613	ug/l	98
10) Methyl Iodide	2.440	142	78481	57.273	ug/l	88
11) Tert butyl alcohol	2.995	59	97263	267.866	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	66001	51.091	ug/l	87
13) Acrolein	2.239	56	80051	218.075	ug/l	97
14) Allyl chloride	2.660	41	113109	46.716	ug/l	92
15) Acrylonitrile	3.075	53	234838	261.120	ug/l	98
16) Acetone	2.392	43	185208	265.338	ug/l #	89
17) Carbon Disulfide	2.501	76	176329	47.596	ug/l	98
18) Methyl Acetate	2.709	43	122434	53.079	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	229022	52.603	ug/l	97
20) Methylene Chloride	2.788	84	76437	47.355	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	67833	50.349	ug/l	89
22) Diisopropyl ether	3.769	45	251730	50.914	ug/l	89
23) Vinyl Acetate	3.727	43	1496653	259.657	ug/l	97
24) 1,1-Dichloroethane	3.605	63	128971	51.720	ug/l	97
25) 2-Butanone	4.568	43	324152	264.912	ug/l	96
26) 2,2-Dichloropropane	4.477	77	101338	51.012	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	83485	51.338	ug/l	92
28) Bromochloromethane	4.903	49	45490	40.324	ug/l	98
29) Tetrahydrofuran	5.013	42	219656	259.000	ug/l	99
30) Chloroform	5.092	83	124805	52.101	ug/l	98
31) Cyclohexane	5.464	56	114511	48.826	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	106818	53.416	ug/l	99
36) 1,1-Dichloropropene	5.690	75	86291	51.818	ug/l	98
37) Ethyl Acetate	4.727	43	126248	53.817	ug/l	99
38) Carbon Tetrachloride	5.672	117	91292	54.215	ug/l	97
39) Methylcyclohexane	7.379	83	117533	50.979	ug/l	95
40) Benzene	6.037	78	292274	51.518	ug/l	99

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 Supervised By :Semsettin Yesilyurt 08/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	66647	53.906	ug/l	93
42) 1,2-Dichloroethane	6.086	62	90882	55.072	ug/l	93
43) Isopropyl Acetate	6.348	43	196976	52.042	ug/l	97
44) Trichloroethene	7.123	130	68722	53.492	ug/l	95
45) 1,2-Dichloropropane	7.433	63	72964	52.260	ug/l	98
46) Dibromomethane	7.580	93	50772	53.186	ug/l	95
47) Bromodichloromethane	7.824	83	98233	52.999	ug/l	98
48) Methyl methacrylate	7.696	41	92696	51.359	ug/l	92
49) 1,4-Dioxane	7.665	88	40333	1091.329	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	642448	267.086	ug/l	99
52) Toluene	8.720	92	178706	52.146	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	104921	51.836	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	114631	51.492	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	70742	52.554	ug/l	95
56) Ethyl methacrylate	9.116	69	128378	52.667	ug/l	94
57) 1,3-Dichloropropane	9.311	76	121650	53.326	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	277586	242.681	ug/l	100
59) 2-Hexanone	9.433	43	497314	269.047	ug/l	96
60) Dibromochloromethane	9.525	129	77322	54.477	ug/l	99
61) 1,2-Dibromoethane	9.610	107	73617	54.231	ug/l	100
64) Tetrachloroethene	9.275	164	59586	54.250	ug/l	94
65) Chlorobenzene	10.079	112	193420	52.679	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	65289	52.770	ug/l	97
67) Ethyl Benzene	10.195	91	331297	51.924	ug/l	98
68) m/p-Xylenes	10.299	106	258264	105.262	ug/l	94
69) o-Xylene	10.640	106	128686	52.208	ug/l	96
70) Styrene	10.652	104	218862	52.960	ug/l	95
71) Bromoform	10.799	173	54426	52.968	ug/l #	100
73) Isopropylbenzene	10.963	105	320548	53.090	ug/l	97
74) N-amyl acetate	10.841	43	177086	51.493	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	116726	50.223	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	92237m	50.846	ug/l	
77) Bromobenzene	11.195	156	76796	52.944	ug/l	93
78) n-propylbenzene	11.305	91	371111	53.932	ug/l	99
79) 2-Chlorotoluene	11.366	91	223663	52.227	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	264814	53.241	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	42217	50.762	ug/l #	82
82) 4-Chlorotoluene	11.457	91	251836	52.771	ug/l	97
83) tert-Butylbenzene	11.713	119	269377	52.329	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	267849	53.378	ug/l	95
85) sec-Butylbenzene	11.890	105	341334	54.623	ug/l	98
86) p-Isopropyltoluene	12.012	119	279867	54.818	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	142244	54.538	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	140730	52.736	ug/l	98
89) n-Butylbenzene	12.335	91	239713	54.239	ug/l	99
90) Hexachloroethane	12.536	117	54327	52.981	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	141973	53.989	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24964	54.906	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	79679	53.832	ug/l	97
94) Hexachlorobutadiene	13.725	225	30581	55.366	ug/l	97
95) Naphthalene	13.774	128	316959	54.222	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	83950	55.453	ug/l	97

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

