

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012424\
 Data File : VX039941.D
 Acq On : 24 Jan 2024 16:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

Quant Time: Jan 25 01:43:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	78438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	140236	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66343	50.491	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.980%			
35) Dibromofluoromethane	5.385	113	48243	51.075	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.160%			
50) Toluene-d8	8.647	98	173447	48.688	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.380%			
62) 4-Bromofluorobenzene	11.079	95	73366	52.665	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	56542	55.714	ug/l	96
3) Chloromethane	1.295	50	55551	47.930	ug/l	97
4) Vinyl Chloride	1.374	62	55582	50.816	ug/l	97
5) Bromomethane	1.599	94	34290	54.943	ug/l	96
6) Chloroethane	1.685	64	34141	54.907	ug/l	100
7) Trichlorofluoromethane	1.886	101	86421	54.771	ug/l	98
8) Diethyl Ether	2.136	74	30736	52.711	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	50616	51.743	ug/l	98
10) Methyl Iodide	2.453	142	59518	57.674	ug/l	97
11) Tert butyl alcohol	2.959	59	90329	264.094	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	48218	51.075	ug/l	99
13) Acrolein	2.233	56	46362	218.451	ug/l	98
14) Allyl chloride	2.660	41	92459	49.760	ug/l	96
15) Acrylonitrile	3.063	53	174083	246.395	ug/l	100
16) Acetone	2.374	43	182567	247.060	ug/l	97
17) Carbon Disulfide	2.514	76	139028	51.237	ug/l	99
18) Methyl Acetate	2.703	43	88371	57.162	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	175816	52.457	ug/l	100
20) Methylene Chloride	2.788	84	55514	49.666	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	52353	52.696	ug/l	97
22) Diisopropyl ether	3.757	45	186007	52.457	ug/l	98
23) Vinyl Acetate	3.721	43	876187	265.826	ug/l	99
24) 1,1-Dichloroethane	3.605	63	102103	52.341	ug/l	97
25) 2-Butanone	4.550	43	271901	256.044	ug/l	100
26) 2,2-Dichloropropane	4.477	77	82298	52.565	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	60875	53.424	ug/l	99
28) Bromochloromethane	4.891	49	47062	53.223	ug/l	94
29) Tetrahydrofuran	5.001	42	169708	248.290	ug/l	99
30) Chloroform	5.093	83	109356	56.787	ug/l	95
31) Cyclohexane	5.471	56	90263	52.052	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	95379	57.853	ug/l	98
36) 1,1-Dichloropropene	5.690	75	78957	53.704	ug/l	99
37) Ethyl Acetate	4.709	43	98475	50.206	ug/l	98
38) Carbon Tetrachloride	5.678	117	77602	57.629	ug/l	97
39) Methylcyclohexane	7.379	83	92435	52.357	ug/l	98
40) Benzene	6.038	78	226748	54.465	ug/l	98

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 Supervised By :Semsettin Yesilyurt 01/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	54206	56.515	ug/l	97
42) 1,2-Dichloroethane	6.086	62	96225	60.795	ug/l	98
43) Isopropyl Acetate	6.336	43	157546	54.755	ug/l	98
44) Trichloroethene	7.123	130	56929	55.796	ug/l	96
45) 1,2-Dichloropropane	7.428	63	59243	53.047	ug/l	99
46) Dibromomethane	7.580	93	45225	58.629	ug/l	93
47) Bromodichloromethane	7.818	83	84064	58.842	ug/l	95
48) Methyl methacrylate	7.690	41	78410	55.441	ug/l	95
49) 1,4-Dioxane	7.659	88	24712	903.022	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	537720	271.354	ug/l	97
52) Toluene	8.720	92	142182	57.178	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	91039	60.054	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	95288	57.165	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	58375	55.138	ug/l	94
56) Ethyl methacrylate	9.116	69	98310	57.375	ug/l	94
57) 1,3-Dichloropropane	9.305	76	99887	55.674	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	206772	255.300	ug/l	96
59) 2-Hexanone	9.427	43	435421	277.631	ug/l	98
60) Dibromochloromethane	9.519	129	60580	60.676	ug/l	99
61) 1,2-Dibromoethane	9.610	107	64457	58.792	ug/l	99
64) Tetrachloroethene	9.275	164	46246	54.202	ug/l	97
65) Chlorobenzene	10.080	112	150691	55.144	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	53749	57.764	ug/l	99
67) Ethyl Benzene	10.195	91	284226	56.023	ug/l	100
68) m/p-Xylenes	10.299	106	210043	112.574	ug/l	94
69) o-Xylene	10.640	106	102268	55.347	ug/l	92
70) Styrene	10.653	104	172366	57.106	ug/l	97
71) Bromoform	10.799	173	41817	59.851	ug/l #	99
73) Isopropylbenzene	10.964	105	277273	50.960	ug/l	99
74) N-amyl acetate	10.842	43	147673	52.068	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	101970	49.079	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	88131m	49.742	ug/l	
77) Bromobenzene	11.195	156	61634	50.876	ug/l	92
78) n-propylbenzene	11.305	91	346618	52.634	ug/l	97
79) 2-Chlorotoluene	11.366	91	204800	50.318	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	237600	51.416	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	28329	47.957	ug/l	97
82) 4-Chlorotoluene	11.451	91	241518	52.314	ug/l	98
83) tert-Butylbenzene	11.713	119	228895	51.882	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	243846	52.891	ug/l	100
85) sec-Butylbenzene	11.890	105	304581	53.183	ug/l	98
86) p-Isopropyltoluene	12.006	119	248423	54.274	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	122412	52.713	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	125651	52.388	ug/l	98
89) n-Butylbenzene	12.329	91	248365	56.180	ug/l	96
90) Hexachloroethane	12.536	117	41445	53.672	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	116983	50.955	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26747	52.536	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	75875	54.081	ug/l	98
94) Hexachlorobutadiene	13.725	225	32304	55.389	ug/l	98
95) Naphthalene	13.774	128	267855	51.860	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	73569	51.956	ug/l	99

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

