

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012424\
 Data File : VX039923.D
 Acq On : 24 Jan 2024 09:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Jan 25 01:33:15 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	87704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	144045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69028	46.984	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.960%		
35) Dibromofluoromethane	5.379	113	50060	49.510	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.020%		
50) Toluene-d8	8.647	98	183687	48.168	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.340%		
62) 4-Bromofluorobenzene	11.079	95	77927	52.256	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	60739	53.527	ug/l	98
3) Chloromethane	1.295	50	61403	47.382	ug/l	99
4) Vinyl Chloride	1.374	62	60351	49.346	ug/l	97
5) Bromomethane	1.599	94	39080	56.002	ug/l	100
6) Chloroethane	1.685	64	35993	51.770	ug/l	94
7) Trichlorofluoromethane	1.886	101	95291	54.012	ug/l	98
8) Diethyl Ether	2.130	74	32362	49.636	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	56129	51.317	ug/l	98
10) Methyl Iodide	2.453	142	62836	54.456	ug/l	95
11) Tert butyl alcohol	2.953	59	81030	211.877	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	53913	51.074	ug/l	93
13) Acrolein	2.233	56	50923	214.304	ug/l	100
14) Allyl chloride	2.660	41	97451	46.906	ug/l	97
15) Acrylonitrile	3.056	53	172390	218.220	ug/l	98
16) Acetone	2.374	43	206783	250.266	ug/l	96
17) Carbon Disulfide	2.508	76	151642	49.981	ug/l	99
18) Methyl Acetate	2.697	43	88777	51.357	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	180825	48.252	ug/l	97
20) Methylene Chloride	2.788	84	59558	47.655	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	56458	50.824	ug/l	99
22) Diisopropyl ether	3.758	45	191970	48.419	ug/l	91
23) Vinyl Acetate	3.715	43	889981	241.484	ug/l	100
24) 1,1-Dichloroethane	3.605	63	106393	48.778	ug/l	100
25) 2-Butanone	4.544	43	268500	226.128	ug/l	99
26) 2,2-Dichloropropane	4.471	77	86193	49.237	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	63166	49.578	ug/l	99
28) Bromochloromethane	4.891	49	48433	48.986	ug/l	95
29) Tetrahydrofuran	4.995	42	166162	217.418	ug/l	100
30) Chloroform	5.087	83	112527	52.260	ug/l	100
31) Cyclohexane	5.465	56	95243	49.121	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	95994	52.074	ug/l	98
36) 1,1-Dichloropropene	5.690	75	82374	52.339	ug/l	99
37) Ethyl Acetate	4.702	43	97679	46.522	ug/l	99
38) Carbon Tetrachloride	5.678	117	80001	55.500	ug/l	99
39) Methylcyclohexane	7.373	83	102133	54.042	ug/l	96
40) Benzene	6.032	78	233467	52.388	ug/l	99

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	52350	50.987	ug/l	96
42) 1,2-Dichloroethane	6.080	62	95810	56.548	ug/l	99
43) Isopropyl Acetate	6.330	43	155235	50.400	ug/l	98
44) Trichloroethene	7.123	130	58554	53.611	ug/l	91
45) 1,2-Dichloropropane	7.428	63	62817	52.545	ug/l	98
46) Dibromomethane	7.574	93	45938	55.633	ug/l	94
47) Bromodichloromethane	7.818	83	86866	56.801	ug/l	97
48) Methyl methacrylate	7.690	41	77786	51.380	ug/l	94
49) 1,4-Dioxane	7.653	88	24423	833.712	ug/l #	100
51) 4-Methyl-2-Pentanone	8.568	43	524219	247.126	ug/l	98
52) Toluene	8.714	92	146482	55.030	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	92569	57.044	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	98768	55.352	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	60297	53.205	ug/l	93
56) Ethyl methacrylate	9.116	69	98513	53.708	ug/l	94
57) 1,3-Dichloropropane	9.305	76	102823	53.538	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	206042	237.652	ug/l	96
59) 2-Hexanone	9.427	43	431835	257.219	ug/l	97
60) Dibromochloromethane	9.519	129	61413	57.462	ug/l	97
61) 1,2-Dibromoethane	9.610	107	64859	55.265	ug/l	98
64) Tetrachloroethene	9.269	164	49793	53.157	ug/l	95
65) Chlorobenzene	10.080	112	155793	51.929	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	55608	54.434	ug/l	98
67) Ethyl Benzene	10.189	91	296126	53.165	ug/l	97
68) m/p-Xylenes	10.299	106	221120	107.946	ug/l	94
69) o-Xylene	10.640	106	106574	52.535	ug/l	93
70) Styrene	10.653	104	180638	54.511	ug/l	97
71) Bromoform	10.799	173	43471	56.671	ug/l #	100
73) Isopropylbenzene	10.957	105	289403	49.334	ug/l	100
74) N-amyl acetate	10.842	43	146172	47.803	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	103284	46.108	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	89867m	47.045	ug/l	
77) Bromobenzene	11.195	156	64829	49.634	ug/l	95
78) n-propylbenzene	11.305	91	363833	51.243	ug/l	97
79) 2-Chlorotoluene	11.360	91	213121	48.566	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	252670	50.714	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	28289	44.745	ug/l	97
82) 4-Chlorotoluene	11.451	91	253017	50.832	ug/l	98
83) tert-Butylbenzene	11.713	119	239678	50.388	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	254286	51.158	ug/l	100
85) sec-Butylbenzene	11.890	105	322569	52.241	ug/l	99
86) p-Isopropyltoluene	12.006	119	263022	53.298	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	128576	51.354	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	129937	50.248	ug/l	98
89) n-Butylbenzene	12.329	91	262697	55.115	ug/l	96
90) Hexachloroethane	12.536	117	44014	52.868	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	122799	49.611	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26344	47.993	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	78715	52.038	ug/l	97
94) Hexachlorobutadiene	13.725	225	35149	55.898	ug/l	98
95) Naphthalene	13.774	128	269068	48.319	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	76675	50.225	ug/l	99

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

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