

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042903.D
 Acq On : 07 Aug 2024 08:24
 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 08/08/2024
 Supervised By :Semsettin Yesilyurt 08/08/2024

Quant Time: Aug 08 01:57:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	273649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	443651	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	390770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	198518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	187688	49.961	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.920%		
35) Dibromofluoromethane	5.379	113	149708	51.609	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.220%		
50) Toluene-d8	8.647	98	533692	51.825	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.660%		
62) 4-Bromofluorobenzene	11.079	95	197167	53.281	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	150090	50.885	ug/l	96
3) Chloromethane	1.301	50	142658	44.389	ug/l	98
4) Vinyl Chloride	1.374	62	144050	47.241	ug/l	99
5) Bromomethane	1.599	94	84688	45.891	ug/l	100
6) Chloroethane	1.666	64	70177	40.398	ug/l	99
7) Trichlorofluoromethane	1.868	101	207373	43.730	ug/l	100
8) Diethyl Ether	2.136	74	79932	45.826	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	144612	48.503	ug/l	94
10) Methyl Iodide	2.441	142	155328	50.383	ug/l	94
11) Tert butyl alcohol	2.995	59	165741	221.809	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	137873	45.711	ug/l	88
13) Acrolein	2.239	56	194128	263.570	ug/l	100
14) Allyl chloride	2.660	41	217925	47.817	ug/l	93
15) Acrylonitrile	3.069	53	411784	215.914	ug/l	98
16) Acetone	2.392	43	432986	265.731	ug/l	93
17) Carbon Disulfide	2.502	76	336038	45.783	ug/l	99
18) Methyl Acetate	2.709	43	212916	41.206	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	465812	45.884	ug/l	99
20) Methylene Chloride	2.782	84	155131	45.910	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	143433	47.267	ug/l	88
22) Diisopropyl ether	3.764	45	449421	44.888	ug/l	88
23) Vinyl Acetate	3.721	43	2666580	234.667	ug/l	96
24) 1,1-Dichloroethane	3.599	63	260839	45.299	ug/l	99
25) 2-Butanone	4.562	43	588478	229.976	ug/l	96
26) 2,2-Dichloropropane	4.471	77	222541	62.866	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	172739	48.000	ug/l	90
28) Bromochloromethane	4.897	49	97409	44.087	ug/l	87
29) Tetrahydrofuran	5.007	42	366278	211.829	ug/l	94
30) Chloroform	5.086	83	276922	45.939	ug/l	96
31) Cyclohexane	5.458	56	221173	47.053	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	247830	46.702	ug/l	97
36) 1,1-Dichloropropene	5.684	75	183759	46.723	ug/l	97
37) Ethyl Acetate	4.715	43	217218	44.143	ug/l	99
38) Carbon Tetrachloride	5.666	117	213315	48.048	ug/l	98
39) Methylcyclohexane	7.373	83	243177	52.013	ug/l	96
40) Benzene	6.031	78	578774	47.417	ug/l	99

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 Supervised By :Semsettin Yesilyurt 08/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	113389	44.738	ug/l	93
42) 1,2-Dichloroethane	6.080	62	211166	47.562	ug/l	99
43) Isopropyl Acetate	6.342	43	342688	47.089	ug/l	98
44) Trichloroethene	7.123	130	146101	47.636	ug/l	96
45) 1,2-Dichloropropane	7.428	63	140766	45.462	ug/l	97
46) Dibromomethane	7.574	93	107278	47.174	ug/l	92
47) Bromodichloromethane	7.818	83	207012	49.002	ug/l	98
48) Methyl methacrylate	7.696	41	167765	48.077	ug/l	90
49) 1,4-Dioxane	7.665	88	74766	965.183	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	1108533	227.407	ug/l	97
52) Toluene	8.714	92	360989	48.756	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	207225	53.064	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	224451	52.043	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	142481	47.337	ug/l	96
56) Ethyl methacrylate	9.116	69	240525	49.659	ug/l	92
57) 1,3-Dichloropropane	9.305	76	235655	47.793	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	574905	251.842	ug/l	99
59) 2-Hexanone	9.433	43	887582	234.982	ug/l	97
60) Dibromochloromethane	9.519	129	164766	49.831	ug/l	99
61) 1,2-Dibromoethane	9.610	107	152089	47.825	ug/l	100
64) Tetrachloroethene	9.269	164	136123	50.099	ug/l	97
65) Chlorobenzene	10.079	112	395568	47.703	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	143788	50.288	ug/l	99
67) Ethyl Benzene	10.189	91	700878	50.248	ug/l	99
68) m/p-Xylenes	10.299	106	531735	99.858	ug/l	100
69) o-Xylene	10.640	106	261141	48.956	ug/l	100
70) Styrene	10.653	104	447267	52.143	ug/l	97
71) Bromoform	10.799	173	118761	49.060	ug/l #	100
73) Isopropylbenzene	10.963	105	679974	47.376	ug/l	99
74) N-amyl acetate	10.842	43	302350	46.818	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	225334	42.856	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	190082m	42.575	ug/l	
77) Bromobenzene	11.195	156	171187	46.888	ug/l	88
78) n-propylbenzene	11.305	91	789002	49.490	ug/l	100
79) 2-Chlorotoluene	11.366	91	477340	46.714	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	584905	49.217	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	71200	51.854	ug/l	91
82) 4-Chlorotoluene	11.451	91	553735	48.211	ug/l	98
83) tert-Butylbenzene	11.713	119	579556	47.453	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	590451	49.352	ug/l	98
85) sec-Butylbenzene	11.890	105	722526	50.241	ug/l	100
86) p-Isopropyltoluene	12.006	119	615501	51.514	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	313494	47.445	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	314649	46.459	ug/l	98
89) n-Butylbenzene	12.329	91	539708	52.360	ug/l	98
90) Hexachloroethane	12.536	117	104872	47.983	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	314552	47.540	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	51499	44.576	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	202834	50.257	ug/l	96
94) Hexachlorobutadiene	13.725	225	87537	51.141	ug/l	98
95) Naphthalene	13.774	128	672091	48.123	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	204247	50.275	ug/l	99

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

