

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071724\
 Data File : VX042352.D
 Acq On : 17 Jul 2024 10:48
 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 :John
 Carlone

Quant Time: Jul 18 00:53:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						07/18/2024
1) Pentafluorobenzene	5.550	168	151353	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	206923	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118409	50.000	ug/l	0.00
System Monitoring Compounds						07/18/2024
33) 1,2-Dichloroethane-d4	5.952	65	84375	48.344	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.680%
35) Dibromofluoromethane	5.385	113	83385	56.793	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.580%
50) Toluene-d8	8.647	98	262015	50.798	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.600%
62) 4-Bromofluorobenzene	11.079	95	110882	58.317	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.640%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	61789	53.587	ug/l	99
3) Chloromethane	1.301	50	57628	39.838	ug/l	98
4) Vinyl Chloride	1.374	62	61682	42.538	ug/l	99
5) Bromomethane	1.599	94	38209	53.362	ug/l	93
6) Chloroethane	1.679	64	40592	68.481	ug/l	98
7) Trichlorofluoromethane	1.886	101	107667	56.673	ug/l	99
8) Diethyl Ether	2.136	74	41811	46.885	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	72676	55.533	ug/l #	85
10) Methyl Iodide	2.447	142	76334	46.929	ug/l #	86
11) Tert butyl alcohol	2.965	59	85089	256.890	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	67441	51.662	ug/l #	77
13) Acrolein	2.240	56	45062	121.366	ug/l	98
14) Allyl chloride	2.660	41	107688	52.015	ug/l #	87
15) Acrylonitrile	3.063	53	215299	248.853	ug/l	98
16) Acetone	2.380	43	168943	220.449	ug/l #	85
17) Carbon Disulfide	2.508	76	133670	50.219	ug/l	98
18) Methyl Acetate	2.703	43	105627	50.525	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	230253	53.389	ug/l	100
20) Methylene Chloride	2.788	84	76286	45.461	ug/l #	87
21) trans-1,2-Dichloroethene	3.087	96	69784	52.672	ug/l	85
22) Diisopropyl ether	3.758	45	221359	50.583	ug/l	95
23) Vinyl Acetate	3.721	43	976419	261.263	ug/l #	92
24) 1,1-Dichloroethane	3.605	63	125596	51.250	ug/l	96
25) 2-Butanone	4.556	43	288183	241.710	ug/l	92
26) 2,2-Dichloropropane	4.471	77	98782	55.662	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	88496	53.331	ug/l	84
28) Bromochloromethane	4.898	49	45088	42.955	ug/l #	70
29) Tetrahydrofuran	5.001	42	188891	245.311	ug/l	91
30) Chloroform	5.093	83	134362	52.626	ug/l	97
31) Cyclohexane	5.465	56	101317	49.639	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	117972	55.298	ug/l	95
36) 1,1-Dichloropropene	5.690	75	88770	56.936	ug/l	94
37) Ethyl Acetate	4.715	43	107061	52.714	ug/l	96
38) Carbon Tetrachloride	5.672	117	103825	60.271	ug/l	100
39) Methylcyclohexane	7.379	83	114214	57.924	ug/l	91
40) Benzene	6.032	78	283572	53.928	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	60169	54.652	ug/l	91
42) 1,2-Dichloroethane	6.080	62	93635	55.282	ug/l	90
43) Isopropyl Acetate	6.342	43	166529	53.418	ug/l #	92
44) Trichloroethene	7.123	130	83376	59.153	ug/l	83
45) 1,2-Dichloropropane	7.428	63	71049	54.951	ug/l	97
46) Dibromomethane	7.580	93	54596	57.953	ug/l #	75
47) Bromodichloromethane	7.818	83	103142	59.633	ug/l	99
48) Methyl methacrylate	7.690	41	82185	55.239	ug/l #	84
49) 1,4-Dioxane	7.659	88	38153	969.776	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	560604	261.058	ug/l	93
52) Toluene	8.714	92	186530	55.707	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	104500	56.798	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	115413	60.948	ug/l #	84
55) 1,1,2-Trichloroethane	9.147	97	79748	57.171	ug/l	97
56) Ethyl methacrylate	9.116	69	125180	57.685	ug/l #	86
57) 1,3-Dichloropropane	9.305	76	126704	56.222	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	282788	279.635	ug/l	91
59) 2-Hexanone	9.427	43	428339	260.429	ug/l	90
60) Dibromochloromethane	9.519	129	94545	62.397	ug/l	99
61) 1,2-Dibromoethane	9.610	107	84477	58.396	ug/l	100
64) Tetrachloroethene	9.269	164	82392	57.881	ug/l	90
65) Chlorobenzene	10.080	112	223476	54.961	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	82453	57.919	ug/l	99
67) Ethyl Benzene	10.195	91	357375	56.083	ug/l	97
68) m/p-Xylenes	10.299	106	288524	112.165	ug/l	91
69) o-Xylene	10.640	106	140338	55.106	ug/l	91
70) Styrene	10.653	104	248016	58.077	ug/l	93
71) Bromoform	10.799	173	77455	55.992	ug/l #	99
73) Isopropylbenzene	10.964	105	367070	50.984	ug/l	96
74) N-amyl acetate	10.842	43	148395	46.401	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.214	83	122800	45.871	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	101023m	46.996	ug/l	
77) Bromobenzene	11.195	156	109882	51.245	ug/l	76
78) n-propylbenzene	11.305	91	412639	52.822	ug/l	96
79) 2-Chlorotoluene	11.360	91	248736	49.420	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	308573	51.456	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	37909	50.083	ug/l #	85
82) 4-Chlorotoluene	11.451	91	289241	51.985	ug/l	91
83) tert-Butylbenzene	11.713	119	329410	50.061	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	313778	52.154	ug/l	93
85) sec-Butylbenzene	11.890	105	398183	53.500	ug/l	95
86) p-Isopropyltoluene	12.006	119	353634	54.393	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	197284	52.344	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	201355	52.069	ug/l	95
89) n-Butylbenzene	12.329	91	291959	58.337	ug/l	97
90) Hexachloroethane	12.536	117	56926	51.429	ug/l #	54
91) 1,2-Dichlorobenzene	12.335	146	195820	50.774	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26421	49.802	ug/l #	45
93) 1,2,4-Trichlorobenzene	13.585	180	150290	59.487	ug/l	95
94) Hexachlorobutadiene	13.725	225	73385	57.442	ug/l	99
95) Naphthalene	13.774	128	422939	49.822	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	148233	55.631	ug/l	96

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

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

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Dadoda

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