

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092324\
 Data File : VX043103.D
 Acq On : 23 Sep 2024 09:56
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/24/2024
 Supervised By : Mahesh Dadoda 09/24/2024

Quant Time: Sep 24 02:49:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 02:22:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	117735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	202260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	91384	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93841	47.985	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.960%
35) Dibromofluoromethane	5.379	113	70090	49.124	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.240%
50) Toluene-d8	8.647	98	237819	49.266	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.079	95	96039	49.403	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	61663	49.112	ug/l	100
3) Chloromethane	1.301	50	59962	46.777	ug/l	100
4) Vinyl Chloride	1.374	62	62530	48.023	ug/l	100
5) Bromomethane	1.605	94	43385	57.917	ug/l	100
6) Chloroethane	1.685	64	39788	47.726	ug/l	100
7) Trichlorofluoromethane	1.886	101	111737	48.345	ug/l	100
8) Diethyl Ether	2.136	74	37632	48.496	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	62572	47.966	ug/l	100
10) Methyl Iodide	2.453	142	77009	49.668	ug/l	100
11) Tert butyl alcohol	2.959	59	104694	239.769	ug/l	100
12) 1,1-Dichloroethene	2.319	96	59750	47.885	ug/l	100
13) Acrolein	2.240	56	9106	162.149	ug/l	100
14) Allyl chloride	2.666	41	107464	46.381	ug/l	100
15) Acrylonitrile	3.063	53	181569	239.720	ug/l	100
16) Acetone	2.380	43	232054	253.728	ug/l	100
17) Carbon Disulfide	2.514	76	144694	46.652	ug/l	100
18) Methyl Acetate	2.703	43	125759	51.088	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	228276	48.013	ug/l	100
20) Methylene Chloride	2.788	84	66793	45.904	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	60075	46.530	ug/l	100
22) Diisopropyl ether	3.764	45	204986	47.249	ug/l	100
23) Vinyl Acetate	3.721	43	1210428	237.176	ug/l	100
24) 1,1-Dichloroethane	3.611	63	120070	47.868	ug/l	100
25) 2-Butanone	4.550	43	287310	243.700	ug/l	100
26) 2,2-Dichloropropane	4.471	77	119272	46.980	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	76220	47.421	ug/l	100
28) Bromochloromethane	4.898	49	50897	46.096	ug/l	100
29) Tetrahydrofuran	5.001	42	166793	235.246	ug/l	100
30) Chloroform	5.093	83	130663	47.244	ug/l	100
31) Cyclohexane	5.471	56	91962	47.816	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	124223	47.416	ug/l	100
36) 1,1-Dichloropropene	5.690	75	82849	47.255	ug/l	100
37) Ethyl Acetate	4.715	43	100509	45.641	ug/l	100
38) Carbon Tetrachloride	5.678	117	106302	47.069	ug/l	100
39) Methylcyclohexane	7.379	83	104104	47.314	ug/l	100
40) Benzene	6.038	78	248502	48.035	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	55768	50.939	ug/l	100
42) 1,2-Dichloroethane	6.086	62	105472	48.015	ug/l	100
43) Isopropyl Acetate	6.336	43	175804	47.796	ug/l	100
44) Trichloroethene	7.123	130	67925	47.987	ug/l	100
45) 1,2-Dichloropropane	7.428	63	62707	48.664	ug/l	100
46) Dibromomethane	7.580	93	51340	47.316	ug/l	100
47) Bromodichloromethane	7.818	83	109886	48.703	ug/l	100
48) Methyl methacrylate	7.690	41	84090	46.544	ug/l	100
49) 1,4-Dioxane	7.659	88	34220	1003.349	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	544248	240.855	ug/l	100
52) Toluene	8.714	92	162207	48.687	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	112888	48.740	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	112919	48.818	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	66277	48.316	ug/l	100
56) Ethyl methacrylate	9.116	69	116103	48.640	ug/l	100
57) 1,3-Dichloropropane	9.305	76	110704	47.449	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	244288	253.107	ug/l	100
59) 2-Hexanone	9.427	43	439958	249.003	ug/l	100
60) Dibromochloromethane	9.519	129	86353	48.204	ug/l	100
61) 1,2-Dibromoethane	9.610	107	71867	47.881	ug/l	100
64) Tetrachloroethene	9.269	164	62891	47.621	ug/l	100
65) Chlorobenzene	10.080	112	185385	47.148	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	69331	47.803	ug/l	100
67) Ethyl Benzene	10.189	91	327155	48.099	ug/l	100
68) m/p-Xylenes	10.299	106	244673	96.662	ug/l	100
69) o-Xylene	10.640	106	119746	47.166	ug/l	100
70) Styrene	10.653	104	207709	49.047	ug/l	100
71) Bromoform	10.799	173	62441	48.950	ug/l #	100
73) Isopropylbenzene	10.964	105	321340	46.888	ug/l	100
74) N-amyl acetate	10.842	43	154458	47.967	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	103809	47.072	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	92335m	47.525	ug/l	
77) Bromobenzene	11.195	156	78130	47.488	ug/l	100
78) n-propylbenzene	11.305	91	369241	47.488	ug/l	100
79) 2-Chlorotoluene	11.360	91	226327	46.407	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	269488	47.526	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	38491	47.202	ug/l	100
82) 4-Chlorotoluene	11.451	91	265245	47.583	ug/l	100
83) tert-Butylbenzene	11.713	119	271271	46.427	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	270066	47.873	ug/l	100
85) sec-Butylbenzene	11.890	105	338165	47.090	ug/l	100
86) p-Isopropyltoluene	12.006	119	284049	47.643	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	142321	47.442	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	140649	46.755	ug/l	100
89) n-Butylbenzene	12.329	91	254607	49.001	ug/l	100
90) Hexachloroethane	12.536	117	57839	48.679	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	138432	46.857	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27996	46.954	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	87290	47.657	ug/l	100
94) Hexachlorobutadiene	13.719	225	36338	47.219	ug/l	100
95) Naphthalene	13.774	128	303177	47.621	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	86731	47.659	ug/l	100

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

