

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044134.D
 Acq On : 04 Dec 2024 21:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 05 02:12:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/05/2024
 Supervised By : Mahesh Dadoda 12/05/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	112493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	215311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88246	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110802	57.427	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.860%
35) Dibromofluoromethane	5.379	113	80538	52.348	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.700%
50) Toluene-d8	8.647	98	261931	49.389	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.780%
62) 4-Bromofluorobenzene	11.079	95	95694	53.019	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	63301	44.418	ug/l	99
3) Chloromethane	1.294	50	66526	44.361	ug/l	99
4) Vinyl Chloride	1.374	62	73394	46.012	ug/l	99
5) Bromomethane	1.593	94	51312	52.291	ug/l	97
6) Chloroethane	1.666	64	49630	51.062	ug/l	100
7) Trichlorofluoromethane	1.867	101	141824	49.731	ug/l	97
8) Diethyl Ether	2.136	74	56836	54.680	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	66794	49.102	ug/l	99
10) Methyl Iodide	2.440	142	88127	51.872	ug/l	97
11) Tert butyl alcohol	2.995	59	76726	247.748	ug/l	99
12) 1,1-Dichloroethene	2.306	96	62246	48.020	ug/l	96
13) Acrolein	2.239	56	90163	276.210	ug/l	97
14) Allyl chloride	2.654	41	109040	51.481	ug/l	98
15) Acrylonitrile	3.068	53	208641	276.455	ug/l	99
16) Acetone	2.386	43	201285	227.138	ug/l	97
17) Carbon Disulfide	2.501	76	94577	35.372	ug/l	98
18) Methyl Acetate	2.703	43	120962	58.614	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	267711	56.880	ug/l	99
20) Methylene Chloride	2.788	84	74135	49.297	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	65957	49.284	ug/l	99
22) Diisopropyl ether	3.763	45	252416	55.732	ug/l	98
23) Vinyl Acetate	3.721	43	1051083	271.293	ug/l	99
24) 1,1-Dichloroethane	3.605	63	139340	53.330	ug/l	98
25) 2-Butanone	4.562	43	306217	267.801	ug/l	100
26) 2,2-Dichloropropane	4.465	77	101626	43.068	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	85299	51.563	ug/l	100
28) Bromochloromethane	4.897	49	55021	47.841	ug/l	98
29) Tetrahydrofuran	5.007	42	192087	274.016	ug/l	99
30) Chloroform	5.086	83	152613	54.308	ug/l	99
31) Cyclohexane	5.464	56	100318	46.650	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	128603	53.068	ug/l	99
36) 1,1-Dichloropropene	5.690	75	89728	46.802	ug/l	97
37) Ethyl Acetate	4.714	43	122203	51.350	ug/l	98
38) Carbon Tetrachloride	5.672	117	99938	46.392	ug/l	97
39) Methylcyclohexane	7.373	83	104710	42.042	ug/l	98
40) Benzene	6.031	78	281773	47.184	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	61610	50.581	ug/l	92
42) 1,2-Dichloroethane	6.086	62	123302	51.410	ug/l	100
43) Isopropyl Acetate	6.342	43	196944	52.000	ug/l	99
44) Trichloroethene	7.123	130	68676	40.623	ug/l	96
45) 1,2-Dichloropropane	7.427	63	72860	49.814	ug/l	97
46) Dibromomethane	7.580	93	57344	49.562	ug/l	98
47) Bromodichloromethane	7.818	83	107605	51.856	ug/l	100
48) Methyl methacrylate	7.696	41	94756	52.140	ug/l	96
49) 1,4-Dioxane	7.665	88	31094	960.519	ug/l	89
51) 4-Methyl-2-Pentanone	8.574	43	635370	274.905	ug/l	98
52) Toluene	8.714	92	174039	48.691	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	105224	49.726	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	113651	48.993	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	73903	50.088	ug/l	97
56) Ethyl methacrylate	9.116	69	122864	53.462	ug/l	99
57) 1,3-Dichloropropane	9.305	76	127496	51.296	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	305906	242.779	ug/l	98
59) 2-Hexanone	9.433	43	471124	271.200	ug/l	99
60) Dibromochloromethane	9.518	129	74473	50.307	ug/l	98
61) 1,2-Dibromoethane	9.610	107	75915	50.884	ug/l	100
64) Tetrachloroethene	9.269	164	57614	46.784	ug/l	97
65) Chlorobenzene	10.079	112	192632	46.962	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	67296	50.587	ug/l	99
67) Ethyl Benzene	10.189	91	340315	48.962	ug/l	99
68) m/p-Xylenes	10.299	106	251148	96.892	ug/l	99
69) o-Xylene	10.640	106	127655	50.441	ug/l	98
70) Styrene	10.652	104	212510	50.769	ug/l	99
71) Bromoform	10.799	173	45026	44.919	ug/l #	100
73) Isopropylbenzene	10.963	105	330186	48.676	ug/l	99
74) N-amyl acetate	10.841	43	169079	53.805	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	117224	50.469	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	97890m	50.583	ug/l	
77) Bromobenzene	11.195	156	78012	48.210	ug/l	98
78) n-propylbenzene	11.305	91	371804	49.076	ug/l	97
79) 2-Chlorotoluene	11.360	91	232081	48.444	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	275407	49.349	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29182	41.148	ug/l	88
82) 4-Chlorotoluene	11.451	91	264724	48.946	ug/l	100
83) tert-Butylbenzene	11.713	119	273142	49.379	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	276796	49.818	ug/l	99
85) sec-Butylbenzene	11.890	105	339205	50.050	ug/l	99
86) p-Isopropyltoluene	12.006	119	276834	50.287	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	140272	47.595	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	141737	47.171	ug/l	98
89) n-Butylbenzene	12.329	91	237692	48.972	ug/l	99
90) Hexachloroethane	12.536	117	42130	45.006	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	143875	48.374	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23752	51.035	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	81642	46.560	ug/l	100
94) Hexachlorobutadiene	13.725	225	29715	42.878	ug/l	99
95) Naphthalene	13.774	128	334834	53.046	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	83098	46.821	ug/l	94

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

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