

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044092.D
 Acq On : 03 Dec 2024 14:56
 Operator : JC/MD
 Sample : VX1203WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS03

Quant Time: Dec 03 23:49:37 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 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	120713	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	220662	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84056	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109512	52.893	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.780%
35) Dibromofluoromethane	5.385	113	77299	49.025	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.040%
50) Toluene-d8	8.646	98	263906	48.555	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.120%
62) 4-Bromofluorobenzene	11.079	95	91420	49.423	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24725	16.168	ug/l	98
3) Chloromethane	1.294	50	27277	16.950	ug/l	100
4) Vinyl Chloride	1.373	62	28584	16.700	ug/l	94
5) Bromomethane	1.599	94	21573	20.488	ug/l	94
6) Chloroethane	1.666	64	18693	17.923	ug/l	94
7) Trichlorofluoromethane	1.867	101	53109	17.355	ug/l	97
8) Diethyl Ether	2.135	74	20443	18.328	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.318	101	26492	18.149	ug/l	97
10) Methyl Iodide	2.446	142	34529	18.940	ug/l	100
11) Tert butyl alcohol	3.001	59	26864	80.837	ug/l	97
12) 1,1-Dichloroethene	2.312	96	24244	17.430	ug/l	97
13) Acrolein	2.239	56	32294	92.194	ug/l	96
14) Allyl chloride	2.654	41	41596	18.301	ug/l	95
15) Acrylonitrile	3.068	53	72619	89.670	ug/l	96
16) Acetone	2.385	43	67276	70.747	ug/l	98
17) Carbon Disulfide	2.501	76	42843	14.932	ug/l	98
18) Methyl Acetate	2.702	43	43115	19.469	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	100285	19.856	ug/l	97
20) Methylene Chloride	2.782	84	30173	18.698	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	26031	18.126	ug/l	95
22) Diisopropyl ether	3.763	45	96799	19.917	ug/l	97
23) Vinyl Acetate	3.721	43	399500	96.092	ug/l	99
24) 1,1-Dichloroethane	3.605	63	52831	18.843	ug/l	98
25) 2-Butanone	4.562	43	106922	87.141	ug/l	99
26) 2,2-Dichloropropane	4.470	77	48250	19.056	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	34554	19.465	ug/l	99
28) Bromochloromethane	4.897	49	27174	22.019	ug/l	97
29) Tetrahydrofuran	5.007	42	70325	93.489	ug/l	97
30) Chloroform	5.086	83	58695	19.465	ug/l	97
31) Cyclohexane	5.458	56	42202	18.289	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	50213	19.309	ug/l	99
36) 1,1-Dichloropropene	5.690	75	37689	19.182	ug/l	97
37) Ethyl Acetate	4.720	43	43848	17.978	ug/l	98
38) Carbon Tetrachloride	5.665	117	39733	17.997	ug/l	95
39) Methylcyclohexane	7.372	83	45778	17.934	ug/l	97
40) Benzene	6.037	78	115099	18.806	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	23009	18.432	ug/l	95
42) 1,2-Dichloroethane	6.080	62	47523	19.334	ug/l	99
43) Isopropyl Acetate	6.342	43	71093	18.316	ug/l	100
44) Trichloroethene	7.122	130	28222	16.289	ug/l	88
45) 1,2-Dichloropropane	7.427	63	28798	19.212	ug/l	98
46) Dibromomethane	7.580	93	22662	19.112	ug/l	93
47) Bromodichloromethane	7.817	83	38787	18.239	ug/l	98
48) Methyl methacrylate	7.695	41	32936	17.684	ug/l	99
49) 1,4-Dioxane	7.671	88	8909	268.533	ug/l #	62
51) 4-Methyl-2-Pentanone	8.573	43	222357	93.874	ug/l	98
52) Toluene	8.714	92	70760	19.317	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	40352	18.607	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	44117	18.557	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	28124	18.599	ug/l	98
56) Ethyl methacrylate	9.116	69	44338	18.825	ug/l	97
57) 1,3-Dichloropropane	9.305	76	50400	19.786	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	104025	79.962	ug/l	99
59) 2-Hexanone	9.433	43	165342	92.870	ug/l	99
60) Dibromochloromethane	9.518	129	26342	17.363	ug/l	100
61) 1,2-Dibromoethane	9.610	107	30063	19.662	ug/l	96
64) Tetrachloroethene	9.268	164	24552	19.879	ug/l	96
65) Chlorobenzene	10.079	112	79313	19.279	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.158	131	25205	18.892	ug/l	97
67) Ethyl Benzene	10.195	91	134307	19.267	ug/l	97
68) m/p-Xylenes	10.299	106	99568	38.301	ug/l	98
69) o-Xylene	10.640	106	49303	19.425	ug/l	96
70) Styrene	10.652	104	80323	19.134	ug/l	97
71) Bromoform	10.799	173	13898	15.119	ug/l #	99
73) Isopropylbenzene	10.963	105	127989	19.809	ug/l	99
74) N-amyl acetate	10.841	43	58382	19.505	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	41384	18.705	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	35120m	19.052	ug/l	
77) Bromobenzene	11.195	156	29361	19.049	ug/l	96
78) n-propylbenzene	11.305	91	144793	20.065	ug/l	98
79) 2-Chlorotoluene	11.359	91	89557	19.626	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	108460	20.403	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	10114	14.972	ug/l #	82
82) 4-Chlorotoluene	11.451	91	103523	20.095	ug/l	99
83) tert-Butylbenzene	11.713	119	103531	19.650	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	108947	20.586	ug/l	96
85) sec-Butylbenzene	11.890	105	126840	19.648	ug/l	100
86) p-Isopropyltoluene	12.006	119	106892	20.385	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	51692	18.414	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	52981	18.511	ug/l	94
89) n-Butylbenzene	12.329	91	91737	19.843	ug/l	99
90) Hexachloroethane	12.536	117	14449	16.205	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	55003	19.415	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	7460	16.828	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	29440	17.626	ug/l	99
94) Hexachlorobutadiene	13.725	225	11654	17.655	ug/l	98
95) Naphthalene	13.774	128	136982	22.783	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	30442	18.007	ug/l	99

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

