

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043119.D
 Acq On : 24 Sep 2024 13:30
 Operator : JC/MD
 Sample : VX0924WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/25/2024
 Supervised By : Mahesh Dadoda 09/25/2024

Quant Time: Sep 25 01:26:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	124106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221165	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97039	47.073	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.140%		
35) Dibromofluoromethane	5.385	113	72656	46.569	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.140%		
50) Toluene-d8	8.647	98	245329	46.478	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.960%		
62) 4-Bromofluorobenzene	11.079	95	97994	46.100	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23858	18.027	ug/l	96
3) Chloromethane	1.301	50	22521	16.667	ug/l	98
4) Vinyl Chloride	1.374	62	24784	18.057	ug/l	98
5) Bromomethane	1.605	94	16704	21.154	ug/l	97
6) Chloroethane	1.691	64	16276	18.521	ug/l	96
7) Trichlorofluoromethane	1.892	101	43377	17.805	ug/l	96
8) Diethyl Ether	2.136	74	15570	19.035	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	25772	18.742	ug/l	99
10) Methyl Iodide	2.453	142	30794	18.841	ug/l	100
11) Tert butyl alcohol	2.959	59	42359	92.030	ug/l	100
12) 1,1-Dichloroethene	2.319	96	25127	19.104	ug/l	98
13) Acrolein	2.233	56	4737	78.117	ug/l	93
14) Allyl chloride	2.666	41	45316	18.554	ug/l	99
15) Acrylonitrile	3.062	53	78009	97.706	ug/l	99
16) Acetone	2.380	43	73811	76.562	ug/l	96
17) Carbon Disulfide	2.514	76	56166	17.179	ug/l	99
18) Methyl Acetate	2.703	43	53889	20.768	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	97851	19.524	ug/l	97
20) Methylene Chloride	2.788	84	28077	18.306	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	25901	19.031	ug/l	93
22) Diisopropyl ether	3.763	45	90069	19.695	ug/l	94
23) Vinyl Acetate	3.721	43	518855	96.447	ug/l	99
24) 1,1-Dichloroethane	3.611	63	51343	19.418	ug/l	99
25) 2-Butanone	4.556	43	114538	92.165	ug/l	98
26) 2,2-Dichloropropane	4.471	77	47412	17.717	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	32824	19.373	ug/l	98
28) Bromochloromethane	4.904	49	25112	21.576	ug/l	98
29) Tetrahydrofuran	5.007	42	72349	96.803	ug/l	100
30) Chloroform	5.093	83	56827	19.492	ug/l	100
31) Cyclohexane	5.470	56	36924	18.213	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	51430	18.623	ug/l	99
36) 1,1-Dichloropropene	5.696	75	35340	18.434	ug/l	98
37) Ethyl Acetate	4.715	43	44283	18.390	ug/l	100
38) Carbon Tetrachloride	5.678	117	42661	17.275	ug/l	96
39) Methylcyclohexane	7.379	83	41104	17.084	ug/l	95
40) Benzene	6.037	78	106107	18.757	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	23675	19.777	ug/l	99
42) 1,2-Dichloroethane	6.086	62	44708	18.613	ug/l	100
43) Isopropyl Acetate	6.342	43	74750	18.585	ug/l	99
44) Trichloroethene	7.129	130	28227	18.237	ug/l	99
45) 1,2-Dichloropropane	7.427	63	26944	19.122	ug/l	95
46) Dibromomethane	7.580	93	22027	18.565	ug/l	97
47) Bromodichloromethane	7.818	83	45727	18.534	ug/l	95
48) Methyl methacrylate	7.696	41	36562	18.507	ug/l	97
49) 1,4-Dioxane	7.659	88	13840	371.109	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	233264	94.406	ug/l	99
52) Toluene	8.720	92	68234	18.730	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	46141	18.219	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	47603	18.821	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	28222	18.815	ug/l	93
56) Ethyl methacrylate	9.116	69	50140	19.210	ug/l	97
57) 1,3-Dichloropropane	9.305	76	48648	19.069	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	86705	82.156	ug/l	100
59) 2-Hexanone	9.427	43	180783	93.572	ug/l	100
60) Dibromochloromethane	9.519	129	35490	18.118	ug/l	98
61) 1,2-Dibromoethane	9.610	107	30824	18.781	ug/l	99
64) Tetrachloroethene	9.275	164	25564	17.795	ug/l	92
65) Chlorobenzene	10.079	112	77535	18.128	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	28858	18.292	ug/l	99
67) Ethyl Benzene	10.195	91	132815	17.951	ug/l	98
68) m/p-Xylenes	10.299	106	99748	36.227	ug/l	99
69) o-Xylene	10.640	106	50002	18.106	ug/l	98
70) Styrene	10.652	104	84886	18.427	ug/l	99
71) Bromoform	10.799	173	24502	17.658	ug/l #	99
73) Isopropylbenzene	10.963	105	131739	18.518	ug/l	100
74) N-amyl acetate	10.841	43	64519	19.302	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	43773	19.121	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	38124m	18.903	ug/l	
77) Bromobenzene	11.195	156	32324	18.927	ug/l	99
78) n-propylbenzene	11.305	91	148458	18.393	ug/l	99
79) 2-Chlorotoluene	11.360	91	90830	17.942	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	108632	18.456	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	15428	18.226	ug/l	96
82) 4-Chlorotoluene	11.451	91	106432	18.394	ug/l	99
83) tert-Butylbenzene	11.713	119	109848	18.111	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	108793	18.578	ug/l	100
85) sec-Butylbenzene	11.890	105	133937	17.968	ug/l	99
86) p-Isopropyltoluene	12.006	119	112067	18.108	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	57415	18.438	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	58649	18.782	ug/l	99
89) n-Butylbenzene	12.329	91	99264	18.404	ug/l	99
90) Hexachloroethane	12.536	117	21382	17.336	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	56299	18.358	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10924	17.650	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	34975	18.395	ug/l	98
94) Hexachlorobutadiene	13.725	225	12419	15.546	ug/l	99
95) Naphthalene	13.774	128	126256	19.105	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	35545	18.817	ug/l	97

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

