

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043139.D
 Acq On : 25 Sep 2024 09:44
 Operator : JC/MD
 Sample : VX0925WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024

Quant Time: Sep 26 01:29:04 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	108306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	192966	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96711	53.758	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.520%			
35) Dibromofluoromethane	5.385	113	71769	52.723	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.440%			
50) Toluene-d8	8.647	98	245390	53.283	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.560%			
62) 4-Bromofluorobenzene	11.079	95	100661	54.275	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22784	19.726	ug/l	98
3) Chloromethane	1.301	50	22157	18.790	ug/l	96
4) Vinyl Chloride	1.374	62	23545	19.657	ug/l	100
5) Bromomethane	1.605	94	15775	22.892	ug/l	94
6) Chloroethane	1.691	64	15459	20.158	ug/l	100
7) Trichlorofluoromethane	1.892	101	42314	19.902	ug/l	96
8) Diethyl Ether	2.136	74	14744	20.655	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	24404	20.336	ug/l	99
10) Methyl Iodide	2.453	142	29090	20.395	ug/l	99
11) Tert butyl alcohol	2.953	59	39091	97.320	ug/l	99
12) 1,1-Dichloroethene	2.319	96	23271	20.274	ug/l	98
13) Acrolein	2.239	56	5093	96.241	ug/l	95
14) Allyl chloride	2.666	41	42233	19.815	ug/l	99
15) Acrylonitrile	3.062	53	71513	102.636	ug/l	100
16) Acetone	2.380	43	75628	89.891	ug/l	99
17) Carbon Disulfide	2.514	76	53802	18.857	ug/l	100
18) Methyl Acetate	2.703	43	51050	22.544	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	91008	20.808	ug/l	98
20) Methylene Chloride	2.788	84	26427	19.743	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	23522	19.804	ug/l	94
22) Diisopropyl ether	3.764	45	84109	21.075	ug/l	94
23) Vinyl Acetate	3.721	43	486706	103.669	ug/l	100
24) 1,1-Dichloroethane	3.611	63	48237	20.905	ug/l	97
25) 2-Butanone	4.556	43	108027	99.607	ug/l	99
26) 2,2-Dichloropropane	4.477	77	47831	20.480	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	31505	21.307	ug/l	96
28) Bromochloromethane	4.897	49	22698	22.346	ug/l	100
29) Tetrahydrofuran	5.001	42	65652	100.658	ug/l	100
30) Chloroform	5.093	83	52604	20.676	ug/l	97
31) Cyclohexane	5.477	56	36555	20.662	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	48924	20.300	ug/l	100
36) 1,1-Dichloropropene	5.690	75	33146	19.816	ug/l	100
37) Ethyl Acetate	4.715	43	40607	19.328	ug/l	98
38) Carbon Tetrachloride	5.678	117	41057	19.055	ug/l	96
39) Methylcyclohexane	7.379	83	40527	19.306	ug/l	93
40) Benzene	6.037	78	100450	20.352	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21527	20.610	ug/l	97
42) 1,2-Dichloroethane	6.086	62	42541	20.299	ug/l	99
43) Isopropyl Acetate	6.336	43	70168	19.995	ug/l	99
44) Trichloroethene	7.123	130	26742	19.803	ug/l	100
45) 1,2-Dichloropropane	7.428	63	25313	20.590	ug/l	99
46) Dibromomethane	7.580	93	20740	20.035	ug/l	96
47) Bromodichloromethane	7.824	83	43894	20.391	ug/l	98
48) Methyl methacrylate	7.696	41	34077	19.770	ug/l	98
49) 1,4-Dioxane	7.659	88	13936	428.291	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	215886	100.141	ug/l	100
52) Toluene	8.720	92	64238	20.210	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	43778	19.812	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	44715	20.263	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	26764	20.451	ug/l	96
56) Ethyl methacrylate	9.116	69	45981	20.191	ug/l	100
57) 1,3-Dichloropropane	9.305	76	44937	20.188	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	98658	107.143	ug/l	99
59) 2-Hexanone	9.427	43	169282	100.423	ug/l	100
60) Dibromochloromethane	9.519	129	33455	19.575	ug/l	99
61) 1,2-Dibromoethane	9.610	107	29309	20.468	ug/l	98
64) Tetrachloroethene	9.275	164	24028	18.960	ug/l	97
65) Chlorobenzene	10.079	112	73131	19.382	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	27346	19.649	ug/l	99
67) Ethyl Benzene	10.195	91	130494	19.994	ug/l	100
68) m/p-Xylenes	10.299	106	97417	40.107	ug/l	98
69) o-Xylene	10.640	106	47611	19.543	ug/l	100
70) Styrene	10.653	104	81980	20.174	ug/l	99
71) Bromoform	10.799	173	23589	19.271	ug/l #	98
73) Isopropylbenzene	10.963	105	128357	19.778	ug/l	100
74) N-amyl acetate	10.842	43	60862	19.960	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	42387	20.297	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	36451m	19.813	ug/l	
77) Bromobenzene	11.195	156	30914	19.843	ug/l	98
78) n-propylbenzene	11.305	91	147087	19.977	ug/l	99
79) 2-Chlorotoluene	11.366	91	90988	19.702	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	106994	19.926	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	14781	19.142	ug/l	98
82) 4-Chlorotoluene	11.451	91	105197	19.929	ug/l	99
83) tert-Butylbenzene	11.713	119	109407	19.774	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	106196	19.880	ug/l	99
85) sec-Butylbenzene	11.890	105	133106	19.574	ug/l	100
86) p-Isopropyltoluene	12.006	119	112354	19.901	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	58791	20.696	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	57798	20.290	ug/l	99
89) n-Butylbenzene	12.329	91	99018	20.125	ug/l	99
90) Hexachloroethane	12.536	117	21248	18.885	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	56461	20.182	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10642	18.848	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	35058	20.213	ug/l	99
94) Hexachlorobutadiene	13.725	225	12940	17.757	ug/l	98
95) Naphthalene	13.774	128	121706	20.188	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	34703	20.138	ug/l	97

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

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