

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
 Data File : VX041336.D
 Acq On : 01 May 2024 18:58
 Operator : JC/MD
 Sample : P2264-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-9-9.0-042324MSD

Quant Time: May 02 03:16:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/02/2024
 Supervised By : Semsettin Yesilyurt 05/02/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	171920	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	250198	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98147	52.440	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.880%			
35) Dibromofluoromethane	5.385	113	90111	53.147	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.300%			
50) Toluene-d8	8.647	98	331733	61.816	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 123.640%#			
62) 4-Bromofluorobenzene	11.079	95	124657	60.007	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.020%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	77529	54.881	ug/l	99
3) Chloromethane	1.301	50	78115	53.438	ug/l	99
4) Vinyl Chloride	1.374	62	88019	63.163	ug/l	99
5) Bromomethane	1.599	94	40415	46.263	ug/l	96
6) Chloroethane	1.666	64	31865	49.249	ug/l	94
7) Trichlorofluoromethane	1.855	101	132248	55.036	ug/l	99
8) Diethyl Ether	2.142	74	52363	61.825	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.313	101	74626	55.256	ug/l	# 87
10) Methyl Iodide	2.441	142	94903	65.291	ug/l	88
11) Tert butyl alcohol	3.068	59	159339m	425.354	ug/l	
12) 1,1-Dichloroethene	2.306	96	84652	63.541	ug/l	86
13) Acrolein	2.245	56	83591	281.280	ug/l	99
14) Allyl chloride	2.654	41	133551	59.667	ug/l	95
15) Acrylonitrile	3.075	53	291204	340.606	ug/l	99
16) Acetone	2.398	43	306469	373.784	ug/l	95
17) Carbon Disulfide	2.495	76	195502	62.427	ug/l	99
18) Methyl Acetate	2.715	43	120542	62.952	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	317525	65.381	ug/l	99
20) Methylene Chloride	2.782	84	96305	59.272	ug/l	92
21) trans-1,2-Dichloroethene	3.081	96	89105	59.848	ug/l	89
22) Diisopropyl ether	3.770	45	287329	60.572	ug/l	# 82
23) Vinyl Acetate	3.727	43	1149510	270.900	ug/l	96
24) 1,1-Dichloroethane	3.605	63	161606	60.303	ug/l	98
25) 2-Butanone	4.574	43	438625	362.099	ug/l	95
26) 2,2-Dichloropropane	4.471	77	63393	28.292	ug/l	88
27) cis-1,2-Dichloroethene	4.483	96	107880	61.198	ug/l	85
28) Bromochloromethane	4.897	49	49298	51.544	ug/l	# 74
29) Tetrahydrofuran	5.019	42	244026	308.031	ug/l	95
30) Chloroform	5.093	83	158154	56.725	ug/l	96
31) Cyclohexane	5.464	56	116843	51.727	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	142447	56.157	ug/l	97
36) 1,1-Dichloropropene	5.690	75	97412	48.047	ug/l	96
37) Ethyl Acetate	4.727	43	135447	53.542	ug/l	99
38) Carbon Tetrachloride	5.672	117	116134	50.002	ug/l	99
39) Methylcyclohexane	7.379	83	108594	45.592	ug/l	92
40) Benzene	6.031	78	310682	49.709	ug/l	100

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Reviewed By : John Carlone 05/02/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	72367	55.582	ug/l	94
42) 1,2-Dichloroethane	6.086	62	114334	49.915	ug/l	95
43) Isopropyl Acetate	6.348	43	188411	49.536	ug/l	97
44) Trichloroethene	7.123	130	86209	52.236	ug/l	85
45) 1,2-Dichloropropane	7.427	63	76062	54.469	ug/l	99
46) Dibromomethane	7.580	93	62515	56.236	ug/l #	76
47) Bromodichloromethane	7.818	83	121018	61.090	ug/l	98
48) Methyl methacrylate	7.696	41	106576	61.125	ug/l	93
49) 1,4-Dioxane	7.684	88	60327	1600.321	ug/l #	86
51) 4-Methyl-2-Pentanone	8.580	43	813244	356.324	ug/l	98
52) Toluene	8.714	92	236082	61.748	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	116437	59.324	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	126034	57.872	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	93497	63.500	ug/l	98
56) Ethyl methacrylate	9.116	69	156964	68.883	ug/l	96
57) 1,3-Dichloropropane	9.311	76	154068	62.698	ug/l	100
59) 2-Hexanone	9.433	43	651306	356.876	ug/l	96
60) Dibromochloromethane	9.519	129	107625	62.091	ug/l	99
61) 1,2-Dibromoethane	9.610	107	97462	60.167	ug/l	99
64) Tetrachloroethene	9.275	164	93790	56.308	ug/l	89
65) Chlorobenzene	10.079	112	234575	50.235	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	84349	51.123	ug/l	98
67) Ethyl Benzene	10.195	91	388175	50.386	ug/l	97
68) m/p-Xylenes	10.299	106	319118	103.438	ug/l	93
69) o-Xylene	10.640	106	173423	58.709	ug/l	92
70) Styrene	10.653	104	283893	58.568	ug/l	95
71) Bromoform	10.799	173	89151	60.376	ug/l #	100
73) Isopropylbenzene	10.963	105	580050	68.182	ug/l	96
74) N-amyl acetate	10.841	43	183168	49.281	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	151778	54.446	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	123372m	54.318	ug/l	
77) Bromobenzene	11.195	156	130109	54.187	ug/l	77
78) n-propylbenzene	11.305	91	728416	81.521	ug/l	96
79) 2-Chlorotoluene	11.366	91	297629	51.689	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	362698	52.298	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	35597	42.690	ug/l	95
82) 4-Chlorotoluene	11.451	91	339985	52.010	ug/l	93
83) tert-Butylbenzene	11.713	119	390798	52.621	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	391438	56.094	ug/l	92
85) sec-Butylbenzene	11.890	105	519289	61.015	ug/l	92
86) p-Isopropyltoluene	12.006	119	384101	50.251	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	223330	51.171	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	226243	50.315	ug/l	95
89) n-Butylbenzene	12.329	91	298841	48.621	ug/l	94
90) Hexachloroethane	12.536	117	57319	44.840	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	210790	45.726	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38249	59.377	ug/l	61
93) 1,2,4-Trichlorobenzene	13.591	180	148081	45.956	ug/l	99
94) Hexachlorobutadiene	13.725	225	44382	27.582	ug/l	99
95) Naphthalene	13.774	128	1289234	135.013	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	156809	47.616	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
T11-MW-9-9.0-042324MSD

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Supervised By :Semsettin Yesilyurt 05/02/2024

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

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

