

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
 Data File : VX041363.D
 Acq On : 02 May 2024 18:52
 Operator : JC/MD
 Sample : P2264-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: May 03 01:44:14 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 :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	186605	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	264489	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	112298	55.280	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.560%			
35) Dibromofluoromethane	5.385	113	91092	50.822	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.640%			
50) Toluene-d8	8.647	98	314873	55.504	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 111.000%			
62) 4-Bromofluorobenzene	11.079	95	125201	57.012	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.020%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	80342	52.397	ug/l	98
3) Chloromethane	1.294	50	76830	48.423	ug/l	100
4) Vinyl Chloride	1.374	62	85743	56.688	ug/l	98
5) Bromomethane	1.599	94	42991	45.339	ug/l	99
6) Chloroethane	1.666	64	33263	47.364	ug/l	99
7) Trichlorofluoromethane	1.861	101	124320	47.665	ug/l	100
8) Diethyl Ether	2.136	74	49492	53.837	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.313	101	68258	46.564	ug/l #	87
10) Methyl Iodide	2.441	142	82141	52.064	ug/l	91
11) Tert butyl alcohol	3.026	59	141945	349.102	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	70770	48.941	ug/l	85
13) Acrolein	2.246	56	97983	303.762	ug/l	98
14) Allyl chloride	2.660	41	123526	50.845	ug/l	98
15) Acrylonitrile	3.075	53	254603	274.361	ug/l	99
16) Acetone	2.398	43	247666	277.279	ug/l	96
17) Carbon Disulfide	2.502	76	160397	47.187	ug/l	99
18) Methyl Acetate	2.709	43	105249	50.639	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	289427	54.905	ug/l	99
20) Methylene Chloride	2.788	84	78803	44.684	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	75759	46.880	ug/l	88
22) Diisopropyl ether	3.770	45	282368	54.842	ug/l #	85
23) Vinyl Acetate	3.727	43	1343381	291.674	ug/l	96
24) 1,1-Dichloroethane	3.605	63	158064	54.340	ug/l	96
25) 2-Butanone	4.568	43	441210	335.569	ug/l	95
26) 2,2-Dichloropropane	4.471	77	122665	50.437	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	107252	56.053	ug/l	89
28) Bromochloromethane	4.897	49	51449	49.560	ug/l #	74
29) Tetrahydrofuran	5.013	42	276915	322.039	ug/l	94
30) Chloroform	5.093	83	169599	56.042	ug/l	98
31) Cyclohexane	5.464	56	128108	52.251	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	148429	53.910	ug/l	97
36) 1,1-Dichloropropene	5.690	75	112742	52.604	ug/l	96
37) Ethyl Acetate	4.721	43	154954	57.944	ug/l	99
38) Carbon Tetrachloride	5.672	117	132342	53.901	ug/l	97
39) Methylcyclohexane	7.373	83	136253	54.114	ug/l	92
40) Benzene	6.038	78	352735	53.388	ug/l	99

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41) Methacrylonitrile	4.928	41	83473	60.648	ug/l	96
42) 1,2-Dichloroethane	6.086	62	131203	54.185	ug/l	96
43) Isopropyl Acetate	6.348	43	234401	58.298	ug/l	97
44) Trichloroethene	7.123	130	97633	55.961	ug/l	87
45) 1,2-Dichloropropane	7.428	63	80112	54.269	ug/l	99
46) Dibromomethane	7.580	93	63760	54.257	ug/l #	76
47) Bromodichloromethane	7.824	83	124330	59.371	ug/l	95
48) Methyl methacrylate	7.696	41	114100	61.904	ug/l	95
49) 1,4-Dioxane	7.671	88	63920	1604.014	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	793384	328.839	ug/l	98
52) Toluene	8.714	92	211707	52.381	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	112448	54.196	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	136984	59.501	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	84762	54.457	ug/l	96
56) Ethyl methacrylate	9.116	69	137435	57.054	ug/l	97
57) 1,3-Dichloropropane	9.311	76	144464	55.613	ug/l	100
59) 2-Hexanone	9.433	43	654783	339.395	ug/l	96
60) Dibromochloromethane	9.519	129	108264	59.085	ug/l	99
61) 1,2-Dibromoethane	9.610	107	98002	57.232	ug/l	98
64) Tetrachloroethene	9.275	164	85543	50.611	ug/l	91
65) Chlorobenzene	10.079	112	265017	55.931	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	94866	56.662	ug/l	98
67) Ethyl Benzene	10.195	91	433031	55.392	ug/l	96
68) m/p-Xylenes	10.299	106	351839	112.388	ug/l	92
69) o-Xylene	10.640	106	176226	58.791	ug/l	93
70) Styrene	10.659	104	291267	59.217	ug/l	96
71) Bromoform	10.799	173	92525	61.752	ug/l #	99
73) Isopropylbenzene	10.963	105	581710	70.143	ug/l	96
74) N-amyl acetate	10.842	43	212734	58.714	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	149964	55.184	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	121272m	54.772	ug/l	
77) Bromobenzene	11.201	156	125170	53.476	ug/l	78
78) n-propylbenzene	11.305	91	747750	85.847	ug/l	96
79) 2-Chlorotoluene	11.366	91	299524	53.362	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	371109	54.893	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	47775	58.775	ug/l	94
82) 4-Chlorotoluene	11.451	91	344550	54.070	ug/l	91
83) tert-Butylbenzene	11.713	119	402549	55.603	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	404686	59.491	ug/l	94
85) sec-Butylbenzene	11.890	105	543739	65.537	ug/l	92
86) p-Isopropyltoluene	12.006	119	411735	55.257	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	230739	54.234	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	237281	54.133	ug/l	95
89) n-Butylbenzene	12.329	91	319319	53.294	ug/l	94
90) Hexachloroethane	12.536	117	58311	46.794	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	208310	46.355	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	37477	59.681	ug/l	62
93) 1,2,4-Trichlorobenzene	13.585	180	155698	49.567	ug/l	99
94) Hexachlorobutadiene	13.725	225	59958	38.224	ug/l	98
95) Naphthalene	13.774	128	1284581	138.001	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	158555	49.390	ug/l	98

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

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