

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044482.D
 Acq On : 23 Dec 2024 16:00
 Operator : JC/MD
 Sample : P5374-05MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-190A-GW-748-750MS

Quant Time: Dec 23 21:59:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	131546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214972	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	185795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	90637	39.297	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	78.600%		
35) Dibromofluoromethane	5.385	113	72356	48.598	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.200%		
50) Toluene-d8	8.647	98	248239	49.420	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.840%		
62) 4-Bromofluorobenzene	11.079	95	84771	48.298	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	98121	48.240	ug/l	98
3) Chloromethane	1.294	50	93508	48.074	ug/l	98
4) Vinyl Chloride	1.374	62	92585	45.689	ug/l	99
5) Bromomethane	1.599	94	61895	43.054	ug/l	98
6) Chloroethane	1.666	64	60793	48.179	ug/l	100
7) Trichlorofluoromethane	1.873	101	145451	36.664	ug/l	99
8) Diethyl Ether	2.130	74	52216	38.561	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	96012	59.810	ug/l	95
10) Methyl Iodide	2.447	142	105341	49.790	ug/l	95
11) Tert butyl alcohol	2.989	59	56640	174.246	ug/l	98
12) 1,1-Dichloroethene	2.312	96	80285	54.450	ug/l	94
13) Acrolein	2.233	56	85193	181.056	ug/l	97
14) Allyl chloride	2.660	41	111714	45.487	ug/l	98
15) Acrylonitrile	3.062	53	188449	209.289	ug/l	97
16) Acetone	2.379	43	159511	169.639	ug/l	97
17) Carbon Disulfide	2.507	76	133096	47.487	ug/l	98
18) Methyl Acetate	2.703	43	94020	38.780	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	242799	42.197	ug/l	98
20) Methylene Chloride	2.782	84	82671	46.810	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	73808	47.100	ug/l	92
22) Diisopropyl ether	3.757	45	242329	43.818	ug/l	93
23) Vinyl Acetate	3.715	43	987899	219.721	ug/l	99
24) 1,1-Dichloroethane	3.605	63	142379	46.186	ug/l	98
25) 2-Butanone	4.556	43	248746	186.080	ug/l	98
26) 2,2-Dichloropropane	4.471	77	114998	45.919	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	93787	47.125	ug/l	95
28) Bromochloromethane	4.891	49	57451	38.005	ug/l	97
29) Tetrahydrofuran	5.001	42	158158	184.328	ug/l	99
30) Chloroform	5.086	83	152649	44.073	ug/l	97
31) Cyclohexane	5.458	56	111826	44.922	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	132974	46.251	ug/l	99
36) 1,1-Dichloropropene	5.684	75	95602	49.674	ug/l	98
37) Ethyl Acetate	4.708	43	99193	41.695	ug/l	98
38) Carbon Tetrachloride	5.665	117	105673	51.000	ug/l	98
39) Methylcyclohexane	7.372	83	122149	53.090	ug/l	97
40) Benzene	6.031	78	303599	51.956	ug/l	100

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41) Methacrylonitrile	4.916	41	55620	44.029	ug/l	98
42) 1,2-Dichloroethane	6.080	62	117037	48.622	ug/l	98
43) Isopropyl Acetate	6.336	43	165564	44.526	ug/l	99
44) Trichloroethene	7.116	130	293203	201.214	ug/l	100
45) 1,2-Dichloropropane	7.427	63	74644	50.000	ug/l	98
46) Dibromomethane	7.580	93	58103	50.168	ug/l	93
47) Bromodichloromethane	7.818	83	104657	52.323	ug/l	100
48) Methyl methacrylate	7.689	41	78236	43.344	ug/l	95
49) 1,4-Dioxane	7.659	88	20904	698.520	ug/l #	71
51) 4-Methyl-2-Pentanone	8.573	43	511840	214.085	ug/l	98
52) Toluene	8.714	92	190396	51.886	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	101232	47.332	ug/l	94
54) cis-1,3-Dichloropropene	8.360	75	112700	51.747	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	75487	51.783	ug/l	99
56) Ethyl methacrylate	9.116	69	111491	48.446	ug/l	96
57) 1,3-Dichloropropane	9.305	76	125572	49.489	ug/l	99
59) 2-Hexanone	9.427	43	366899	212.014	ug/l	98
60) Dibromochloromethane	9.518	129	76435	49.544	ug/l	98
61) 1,2-Dibromoethane	9.604	107	75476	50.865	ug/l	99
64) Tetrachloroethene	9.268	164	65707	53.284	ug/l	97
65) Chlorobenzene	10.073	112	203767	51.183	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	70491	55.093	ug/l	99
67) Ethyl Benzene	10.189	91	357217	51.930	ug/l	98
68) m/p-Xylenes	10.299	106	270804	107.287	ug/l	95
69) o-Xylene	10.640	106	131502	51.491	ug/l	96
70) Styrene	10.652	104	217725	53.180	ug/l	96
71) Bromoform	10.799	173	44095	49.400	ug/l #	97
73) Isopropylbenzene	10.957	105	343334	51.357	ug/l	99
74) N-amyl acetate	10.841	43	136439	44.161	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	107849	46.447	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	87590m	44.923	ug/l	
77) Bromobenzene	11.195	156	83947	51.783	ug/l	96
78) n-propylbenzene	11.299	91	387249	52.409	ug/l	98
79) 2-Chlorotoluene	11.360	91	236393	49.469	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	281636	50.800	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	28851	43.249	ug/l	95
82) 4-Chlorotoluene	11.451	91	266294	50.323	ug/l	98
83) tert-Butylbenzene	11.713	119	288014	52.567	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	289698	53.208	ug/l	98
85) sec-Butylbenzene	11.890	105	342308	51.464	ug/l	99
86) p-Isopropyltoluene	12.006	119	293141	52.952	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	148954	52.602	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	150236	51.610	ug/l	99
89) n-Butylbenzene	12.329	91	245693	52.779	ug/l	99
90) Hexachloroethane	12.536	117	43092	53.324	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	152300	51.798	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18413	40.849	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	87271	54.139	ug/l	98
94) Hexachlorobutadiene	13.719	225	36701	56.603	ug/l	99
95) Naphthalene	13.774	128	290387	46.150	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	91121	53.295	ug/l	97

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

