

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110624\
 Data File : VN084705.D
 Acq On : 06 Nov 2024 12:50
 Operator : JC\MD
 Sample : VN1106WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

Quant Time: Nov 07 00:16:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/07/2024
 Supervised By :Mahesh Dadoda 11/07/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	182787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145796	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	125040	47.363	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.720%
35) Dibromofluoromethane	8.165	113	101893	49.065	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.120%
50) Toluene-d8	10.565	98	376458	49.211	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.847	95	150519	52.647	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	35597	16.941	ug/l	91
3) Chloromethane	2.359	50	41161	14.926	ug/l	98
4) Vinyl Chloride	2.512	62	39537	17.494	ug/l	97
5) Bromomethane	2.901	94	20488	17.110	ug/l	100
6) Chloroethane	3.077	64	25021	16.963	ug/l	93
7) Trichlorofluoromethane	3.471	101	65863	17.691	ug/l	100
8) Diethyl Ether	3.953	74	23827	18.143	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.359	101	37870	18.002	ug/l	98
10) Methyl Iodide	4.577	142	51364	18.269	ug/l	97
11) Tert butyl alcohol	5.542	59	32958	94.576	ug/l #	85
12) 1,1-Dichloroethene	4.330	96	36152	17.368	ug/l	93
13) Acrolein	4.177	56	35836	103.127	ug/l	97
14) Allyl chloride	5.018	41	59079	17.501	ug/l	93
15) Acrylonitrile	5.712	53	91713	90.910	ug/l	98
16) Acetone	4.430	43	74157	95.477	ug/l	96
17) Carbon Disulfide	4.706	76	99099	15.459	ug/l	97
18) Methyl Acetate	5.018	43	48033	14.400	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	117768	18.459	ug/l	99
20) Methylene Chloride	5.265	84	41276	17.776	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	36748	17.193	ug/l	97
22) Diisopropyl ether	6.665	45	125253	18.673	ug/l	98
23) Vinyl Acetate	6.600	43	423354	91.522	ug/l	98
24) 1,1-Dichloroethane	6.559	63	72309	17.955	ug/l	99
25) 2-Butanone	7.483	43	110842	89.993	ug/l	100
26) 2,2-Dichloropropane	7.483	77	64932	18.525	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	44748	17.930	ug/l	98
28) Bromochloromethane	7.812	49	32251	20.101	ug/l	90
29) Tetrahydrofuran	7.836	42	72902	89.219	ug/l	96
30) Chloroform	7.965	83	74805	18.250	ug/l	99
31) Cyclohexane	8.253	56	63016	17.289	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	69251	18.562	ug/l	97
36) 1,1-Dichloropropene	8.365	75	49251	17.100	ug/l	98
37) Ethyl Acetate	7.553	43	47692	18.251	ug/l	99
38) Carbon Tetrachloride	8.359	117	60339	18.743	ug/l	96
39) Methylcyclohexane	9.600	83	52888	18.050	ug/l	97
40) Benzene	8.606	78	165628	17.907	ug/l	97

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41) Methacrylonitrile	7.771	41	24884	17.708	ug/l	91
42) 1,2-Dichloroethane	8.665	62	55581	18.555	ug/l	99
43) Isopropyl Acetate	8.688	43	86694	17.327	ug/l	99
44) Trichloroethene	9.347	130	38600	18.095	ug/l	92
45) 1,2-Dichloropropane	9.618	63	40551	18.689	ug/l	95
46) Dibromomethane	9.706	93	28127	18.371	ug/l	97
47) Bromodichloromethane	9.882	83	59392	18.403	ug/l #	99
48) Methyl methacrylate	9.682	41	38054	18.711	ug/l	98
49) 1,4-Dioxane	9.688	88	13158	365.106	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	237693	95.417	ug/l	99
52) Toluene	10.629	92	99832	18.455	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	58440	17.494	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	63857	18.061	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	38483	18.885	ug/l	95
56) Ethyl methacrylate	10.871	69	57141	19.387	ug/l	97
57) 1,3-Dichloropropane	11.159	76	64640	18.484	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	145123	105.221	ug/l	96
59) 2-Hexanone	11.194	43	172866	95.336	ug/l	99
60) Dibromochloromethane	11.359	129	45056	19.401	ug/l	100
61) 1,2-Dibromoethane	11.471	107	37612	18.025	ug/l	99
64) Tetrachloroethene	11.100	164	32957	17.893	ug/l	92
65) Chlorobenzene	11.888	112	109281	17.640	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.959	131	38769	17.992	ug/l	98
67) Ethyl Benzene	11.959	91	181202	17.523	ug/l	100
68) m/p-Xylenes	12.071	106	143237	36.588	ug/l	99
69) o-Xylene	12.400	106	68106	18.597	ug/l	98
70) Styrene	12.412	104	117798	18.439	ug/l	98
71) Bromoform	12.576	173	29755	18.351	ug/l #	96
73) Isopropylbenzene	12.694	105	174715	17.100	ug/l	99
74) N-amyl acetate	12.494	43	71217	16.377	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	54724	16.047	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	51398m	17.636	ug/l	
77) Bromobenzene	12.982	156	45350	16.511	ug/l	90
78) n-propylbenzene	13.035	91	198634	16.591	ug/l	98
79) 2-Chlorotoluene	13.123	91	132913	16.990	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	149692	17.677	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	18614	15.152	ug/l	96
82) 4-Chlorotoluene	13.218	91	130673	15.872	ug/l	99
83) tert-Butylbenzene	13.435	119	127901	18.250	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	151973	17.388	ug/l	99
85) sec-Butylbenzene	13.618	105	170900	17.263	ug/l	99
86) p-Isopropyltoluene	13.729	119	144028	17.740	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	81144	15.138	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	81043	15.741	ug/l	99
89) n-Butylbenzene	14.053	91	116635	15.357	ug/l	99
90) Hexachloroethane	14.329	117	28585	15.788	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	80755	15.678	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10474	15.160	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	38983	13.827	ug/l	100
94) Hexachlorobutadiene	15.500	225	17917	14.471	ug/l	99
95) Naphthalene	15.641	128	119093	14.113	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	37022	13.527	ug/l	98

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