

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085192.D
 Acq On : 13 Dec 2024 13:17
 Operator : JC\MD
 Sample : VN1213WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBS01

Quant Time: Dec 13 23:31:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2024
 Supervised By :Mahesh Dadoda 12/16/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	159304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	220551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104178	45.910	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.820%		
35) Dibromofluoromethane	8.165	113	86283	49.650	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.300%		
50) Toluene-d8	10.565	98	295578	47.460	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.920%		
62) 4-Bromofluorobenzene	12.847	95	109001	46.800	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	45879	25.470	ug/l	96
3) Chloromethane	2.359	50	38699	18.523	ug/l	95
4) Vinyl Chloride	2.512	62	39032	20.789	ug/l	99
5) Bromomethane	2.959	94	25886	24.598	ug/l	93
6) Chloroethane	3.124	64	24927	19.697	ug/l	94
7) Trichlorofluoromethane	3.500	101	64727	20.266	ug/l	98
8) Diethyl Ether	3.965	74	19465	17.906	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	35851	19.791	ug/l	99
10) Methyl Iodide	4.589	142	44585	18.594	ug/l	97
11) Tert butyl alcohol	5.512	59	25530	84.193	ug/l	100
12) 1,1-Dichloroethene	4.342	96	31650	18.718	ug/l	98
13) Acrolein	4.171	56	15796	78.067	ug/l	94
14) Allyl chloride	5.024	41	43442	15.241	ug/l	89
15) Acrylonitrile	5.718	53	76120	88.666	ug/l	98
16) Acetone	4.424	43	66953	101.310	ug/l	98
17) Carbon Disulfide	4.712	76	96242	19.284	ug/l	100
18) Methyl Acetate	5.018	43	35573	16.062	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	98129	17.762	ug/l	97
20) Methylene Chloride	5.271	84	36412	18.056	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	33187	18.651	ug/l	95
22) Diisopropyl ether	6.665	45	101748	17.736	ug/l	98
23) Vinyl Acetate	6.600	43	359891	90.933	ug/l	99
24) 1,1-Dichloroethane	6.571	63	61348	17.870	ug/l	97
25) 2-Butanone	7.483	43	98074	90.770	ug/l	92
26) 2,2-Dichloropropane	7.488	77	56700	17.687	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	37823	17.633	ug/l	98
28) Bromochloromethane	7.812	49	21526	16.610	ug/l	95
29) Tetrahydrofuran	7.841	42	64009	95.265	ug/l	99
30) Chloroform	7.965	83	66633	18.246	ug/l	99
31) Cyclohexane	8.253	56	56734	18.769	ug/l	96
32) 1,1,1-Trichloroethane	8.159	97	62618	18.975	ug/l	96
36) 1,1-Dichloropropene	8.371	75	44005	18.695	ug/l	97
37) Ethyl Acetate	7.559	43	40535	18.942	ug/l	97
38) Carbon Tetrachloride	8.359	117	55675	20.491	ug/l	99
39) Methylcyclohexane	9.600	83	47035	19.229	ug/l	97
40) Benzene	8.600	78	142537	19.146	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	21748	18.355	ug/l	98
42) 1,2-Dichloroethane	8.671	62	48446	19.021	ug/l	99
43) Isopropyl Acetate	8.682	43	69464	15.627	ug/l	98
44) Trichloroethene	9.353	130	34423	19.896	ug/l	87
45) 1,2-Dichloropropane	9.618	63	34610	18.875	ug/l #	89
46) Dibromomethane	9.706	93	24830	19.487	ug/l	97
47) Bromodichloromethane	9.882	83	52168	19.318	ug/l	99
48) Methyl methacrylate	9.677	41	30212	18.265	ug/l	96
49) 1,4-Dioxane	9.694	88	11056	385.429	ug/l #	86
51) 4-Methyl-2-Pentanone	10.441	43	203677	100.320	ug/l	100
52) Toluene	10.629	92	87148	19.773	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	49727	18.367	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	53800	18.731	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	32754	19.952	ug/l	94
56) Ethyl methacrylate	10.871	69	47846	19.945	ug/l	97
57) 1,3-Dichloropropane	11.159	76	55593	19.241	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	99857	84.862	ug/l	98
59) 2-Hexanone	11.194	43	151963	100.078	ug/l	99
60) Dibromochloromethane	11.353	129	39756	19.815	ug/l	100
61) 1,2-Dibromoethane	11.465	107	33022	19.437	ug/l	97
64) Tetrachloroethene	11.100	164	32603	21.938	ug/l	94
65) Chlorobenzene	11.888	112	91821	18.357	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	34466	19.571	ug/l	99
67) Ethyl Benzene	11.959	91	157362	19.392	ug/l	96
68) m/p-Xylenes	12.065	106	121170	39.220	ug/l	99
69) o-Xylene	12.394	106	56737	19.306	ug/l	99
70) Styrene	12.406	104	98369	20.128	ug/l	99
71) Bromoform	12.576	173	26687	20.415	ug/l #	98
73) Isopropylbenzene	12.694	105	144690	19.568	ug/l	99
74) N-amyl acetate	12.488	43	56210	18.448	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	44871	17.771	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	37170m	19.497	ug/l	
77) Bromobenzene	12.976	156	37575	18.884	ug/l	98
78) n-propylbenzene	13.029	91	173601	20.356	ug/l	99
79) 2-Chlorotoluene	13.123	91	107703	18.918	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	124602	20.082	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	15355	17.780	ug/l	99
82) 4-Chlorotoluene	13.217	91	109025	18.396	ug/l	99
83) tert-Butylbenzene	13.435	119	101397	18.994	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	125117	19.590	ug/l	100
85) sec-Butylbenzene	13.612	105	140967	19.547	ug/l	99
86) p-Isopropyltoluene	13.729	119	117949	19.813	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	67345	17.159	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	66865	16.695	ug/l	98
89) n-Butylbenzene	14.053	91	95461	17.243	ug/l	98
90) Hexachloroethane	14.329	117	23744	18.298	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	64174	17.064	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8600	17.614	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	30704	15.028	ug/l	98
94) Hexachlorobutadiene	15.500	225	15630	16.576	ug/l	97
95) Naphthalene	15.635	128	84464	14.515	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	30470	15.630	ug/l	98

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

