

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
 Data File : VN085312.D
 Acq On : 26 Dec 2024 12:49
 Operator : JC\MD
 Sample : VN1226WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1226WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/27/2024
 Supervised By : Mahesh Dadoda 12/27/2024

Quant Time: Dec 27 00:42:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	222802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98856	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	112080	44.121	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.240%
35) Dibromofluoromethane	8.165	113	84552	46.471	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.940%
50) Toluene-d8	10.565	98	330518	49.702	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.847	95	108209	45.558	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.120%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	40234	17.377	ug/l	97
3) Chloromethane	2.359	50	41643	18.870	ug/l	96
4) Vinyl Chloride	2.512	62	46377	22.429	ug/l	94
5) Bromomethane	2.965	94	29760	21.940	ug/l	99
6) Chloroethane	3.124	64	29648	22.906	ug/l	94
7) Trichlorofluoromethane	3.500	101	59525	17.827	ug/l	89
8) Diethyl Ether	3.953	74	20904	19.931	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	34242	19.120	ug/l	95
10) Methyl Iodide	4.595	142	39377	19.284	ug/l #	94
11) Tert butyl alcohol	5.512	59	23106	65.481	ug/l	99
12) 1,1-Dichloroethene	4.342	96	31967	19.270	ug/l	93
13) Acrolein	4.177	56	43683	107.497	ug/l	96
14) Allyl chloride	5.024	41	48332	16.824	ug/l	98
15) Acrylonitrile	5.712	53	76006	79.082	ug/l	99
16) Acetone	4.424	43	65981	75.247	ug/l	96
17) Carbon Disulfide	4.718	76	92870	16.405	ug/l	98
18) Methyl Acetate	5.024	43	38206	15.391	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	105615	18.575	ug/l	98
20) Methylene Chloride	5.271	84	36761	19.165	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	32937	18.009	ug/l	85
22) Diisopropyl ether	6.665	45	112818	18.408	ug/l #	97
23) Vinyl Acetate	6.600	43	403675	85.241	ug/l	98
24) 1,1-Dichloroethane	6.565	63	64518	18.173	ug/l	99
25) 2-Butanone	7.477	43	100283	74.681	ug/l	94
26) 2,2-Dichloropropane	7.488	77	58350	17.750	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	39691	18.639	ug/l	97
28) Bromochloromethane	7.806	49	38324	21.405	ug/l	97
29) Tetrahydrofuran	7.830	42	65960	76.201	ug/l	97
30) Chloroform	7.965	83	65941	17.393	ug/l	96
31) Cyclohexane	8.253	56	60213	18.321	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	60873	18.015	ug/l	94
36) 1,1-Dichloropropene	8.371	75	47264	18.656	ug/l	100
37) Ethyl Acetate	7.553	43	42963	14.699	ug/l	99
38) Carbon Tetrachloride	8.359	117	51343	16.762	ug/l	99
39) Methylcyclohexane	9.600	83	52404	19.878	ug/l	90
40) Benzene	8.600	78	145422	18.451	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	23272	15.624	ug/l	98
42) 1,2-Dichloroethane	8.671	62	50216	16.727	ug/l	97
43) Isopropyl Acetate	8.682	43	76621	14.335	ug/l	97
44) Trichloroethene	9.347	130	33968	19.358	ug/l	96
45) 1,2-Dichloropropane	9.618	63	36059	18.478	ug/l	98
46) Dibromomethane	9.706	93	25085	18.007	ug/l	97
47) Bromodichloromethane	9.882	83	53354	17.876	ug/l #	96
48) Methyl methacrylate	9.677	41	33274	15.186	ug/l	94
49) 1,4-Dioxane	9.688	88	10148	293.754	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	210852	75.078	ug/l	98
52) Toluene	10.624	92	89504	18.886	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	54107	18.598	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	57636	18.633	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	31688	17.857	ug/l	94
56) Ethyl methacrylate	10.871	69	48550	15.982	ug/l	99
57) 1,3-Dichloropropane	11.159	76	56604	18.124	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	126138	89.440	ug/l	100
59) 2-Hexanone	11.188	43	149924	74.889	ug/l	98
60) Dibromochloromethane	11.359	129	37192	17.685	ug/l	99
61) 1,2-Dibromoethane	11.465	107	30971	16.945	ug/l	99
64) Tetrachloroethene	11.100	164	29042	19.371	ug/l	93
65) Chlorobenzene	11.888	112	95678	19.104	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	32459	18.577	ug/l	98
67) Ethyl Benzene	11.959	91	165341	19.261	ug/l	100
68) m/p-Xylenes	12.070	106	125137	38.976	ug/l	96
69) o-Xylene	12.394	106	58250	19.302	ug/l	99
70) Styrene	12.406	104	96103	19.076	ug/l	98
71) Bromoform	12.576	173	22009	16.069	ug/l #	98
73) Isopropylbenzene	12.694	105	150755	21.140	ug/l	98
74) N-amyl acetate	12.488	43	60838	17.081	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	43742	17.216	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	35274m	14.969	ug/l	
77) Bromobenzene	12.976	156	34390	18.367	ug/l	98
78) n-propylbenzene	13.029	91	179119	20.481	ug/l	100
79) 2-Chlorotoluene	13.117	91	109223	19.670	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	124254	20.890	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	14190	15.990	ug/l	88
82) 4-Chlorotoluene	13.217	91	109685	19.520	ug/l	98
83) tert-Butylbenzene	13.435	119	105006	20.816	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	127091	20.903	ug/l	99
85) sec-Butylbenzene	13.612	105	147081	20.914	ug/l	97
86) p-Isopropyltoluene	13.723	119	123538	19.394	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	63958	18.549	ug/l	97
88) 1,4-Dichlorobenzene	13.806	146	63301	17.743	ug/l	96
89) n-Butylbenzene	14.053	91	106521	20.596	ug/l	100
90) Hexachloroethane	14.329	117	23248	17.995	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	62341	19.439	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	7455	15.300	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	30275	18.442	ug/l	99
94) Hexachlorobutadiene	15.494	225	14534	17.034	ug/l	95
95) Naphthalene	15.635	128	92556	17.025	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	29283	17.858	ug/l	98

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

