

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082164.D
 Acq On : 16 May 2024 16:07
 Operator : JC\MD
 Sample : VN0516WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/17/2024
 Supervised By :Semsettin Yesilyurt 05/17/2024

Quant Time: May 17 05:11:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 04:08:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	195680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	342977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152138	49.238	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.480%		
35) Dibromofluoromethane	8.171	113	102493	48.579	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.160%		
50) Toluene-d8	10.565	98	397978	49.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.400%		
62) 4-Bromofluorobenzene	12.847	95	138692	48.038	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	96.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	57385	20.341	ug/l	99
3) Chloromethane	2.365	50	58611	18.331	ug/l	99
4) Vinyl Chloride	2.518	62	57834	19.241	ug/l	91
5) Bromomethane	2.965	94	19650	11.373	ug/l	97
6) Chloroethane	3.124	64	38972	19.857	ug/l	99
7) Trichlorofluoromethane	3.500	101	79443	20.184	ug/l	100
8) Diethyl Ether	3.965	74	28130	20.062	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.377	101	43824	19.060	ug/l	97
10) Methyl Iodide	4.589	142	21525	9.312	ug/l	95
11) Tert butyl alcohol	5.518	59	41180	83.026	ug/l	99
12) 1,1-Dichloroethene	4.342	96	41606	19.469	ug/l #	75
13) Acrolein	4.183	56	21193	57.661	ug/l	99
14) Allyl chloride	5.018	41	91525	20.004	ug/l #	85
15) Acrylonitrile	5.718	53	121250	94.391	ug/l	99
16) Acetone	4.424	43	109007	86.001	ug/l	90
17) Carbon Disulfide	4.712	76	127587	18.485	ug/l	99
18) Methyl Acetate	5.018	43	58512	18.537	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	152368	19.506	ug/l	93
20) Methylene Chloride	5.271	84	48968	19.148	ug/l #	75
21) trans-1,2-Dichloroethene	5.789	96	44258	19.004	ug/l #	81
22) Diisopropyl ether	6.671	45	184981	19.361	ug/l #	92
23) Vinyl Acetate	6.606	43	727151m	96.532	ug/l	
24) 1,1-Dichloroethane	6.571	63	94587	19.207	ug/l	98
25) 2-Butanone	7.483	43	178237	92.748	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	73763	17.883	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	52193	18.990	ug/l	80
28) Bromochloromethane	7.818	49	38859	16.933	ug/l #	73
29) Tetrahydrofuran	7.841	42	118257	95.843	ug/l #	81
30) Chloroform	7.965	83	90403	19.224	ug/l	99
31) Cyclohexane	8.253	56	88347	17.902	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	81304	19.488	ug/l	91
36) 1,1-Dichloropropene	8.371	75	64758	18.301	ug/l	96
37) Ethyl Acetate	7.559	43	75274	19.008	ug/l	95
38) Carbon Tetrachloride	8.365	117	68028	18.965	ug/l	93
39) Methylcyclohexane	9.600	83	73683	18.997	ug/l #	83
40) Benzene	8.606	78	199414	18.898	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	42295	18.161	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	78274	19.287	ug/l	95
43) Isopropyl Acetate	8.688	43	132079	18.823	ug/l #	89
44) Trichloroethene	9.353	130	44179	18.432	ug/l	88
45) 1,2-Dichloropropane	9.624	63	50628	18.596	ug/l	92
46) Dibromomethane	9.712	93	33184	18.565	ug/l	98
47) Bromodichloromethane	9.888	83	70876	18.783	ug/l #	95
48) Methyl methacrylate	9.682	41	62979	18.836	ug/l #	81
49) 1,4-Dioxane	9.694	88	16170	345.125	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	381685	95.737	ug/l	89
52) Toluene	10.629	92	122688	19.375	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	74001	18.962	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	77117	18.668	ug/l #	74
55) 1,1,2-Trichloroethane	11.018	97	44156	19.188	ug/l	97
56) Ethyl methacrylate	10.876	69	75239	19.258	ug/l #	64
57) 1,3-Dichloropropane	11.165	76	79943	18.580	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	190613	94.587	ug/l	89
59) 2-Hexanone	11.194	43	274197	93.930	ug/l	89
60) Dibromochloromethane	11.359	129	49610	19.535	ug/l	100
61) 1,2-Dibromoethane	11.471	107	44825	18.965	ug/l	100
64) Tetrachloroethene	11.106	164	45685	20.263	ug/l	95
65) Chlorobenzene	11.894	112	127435	18.964	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	43329	19.575	ug/l	99
67) Ethyl Benzene	11.965	91	230732	19.194	ug/l	93
68) m/p-Xylenes	12.070	106	169480	38.468	ug/l	92
69) o-Xylene	12.400	106	81077	18.998	ug/l	91
70) Styrene	12.412	104	136571	19.266	ug/l	96
71) Bromoform	12.582	173	30438	19.146	ug/l #	98
73) Isopropylbenzene	12.694	105	212329	19.252	ug/l	98
74) N-amyl acetate	12.494	43	113373	18.689	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.935	83	58588	18.429	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	56522m	19.344	ug/l	
77) Bromobenzene	12.982	156	50246	19.117	ug/l	89
78) n-propylbenzene	13.035	91	250863	19.209	ug/l	97
79) 2-Chlorotoluene	13.123	91	153848	18.760	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	175782	19.711	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	18868	15.104	ug/l #	81
82) 4-Chlorotoluene	13.223	91	152133	18.974	ug/l	93
83) tert-Butylbenzene	13.441	119	150353	19.272	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	177116	19.413	ug/l	97
85) sec-Butylbenzene	13.617	105	210329	19.450	ug/l	97
86) p-Isopropyltoluene	13.729	119	171983	19.569	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	90722	19.053	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	90575	18.637	ug/l	97
89) n-Butylbenzene	14.059	91	151746	19.211	ug/l	98
90) Hexachloroethane	14.335	117	26088	16.022	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	87520	19.418	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11904	18.224	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	47517	18.808	ug/l	98
94) Hexachlorobutadiene	15.500	225	20109	18.139	ug/l	99
95) Naphthalene	15.641	128	158243	19.986	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	48362	19.121	ug/l	96

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

