

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082153.D
 Acq On : 16 May 2024 11:45
 Operator : JC\MD
 Sample : VN0516WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 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 02:58:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.871	168	182622m	50.000	ug/l	-0.35
34) 1,4-Difluorobenzene	8.859	114	312431	50.000	ug/l	-0.24
63) Chlorobenzene-d5	11.812	117	283941m	50.000	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	13.782	152	128088m	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.259	65	144371m	50.065	ug/l	-0.32
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.140%			
35) Dibromofluoromethane	7.783	113	98142	51.064	ug/l	-0.38
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.120%			
50) Toluene-d8	10.453	98	370600	50.295	ug/l	-0.12
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.580%			
62) 4-Bromofluorobenzene	12.823	95	130188m	49.501	ug/l	-0.02
Spiked Amount 50.000	Range 64 - 133		Recovery = 99.000%			
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	3.365	101	40073	10.909	ug/l	94
8) Diethyl Ether	4.012	74	10773	8.232	ug/l #	11
14) Allyl chloride	4.877	41	37670	8.822	ug/l #	54
16) Acetone	4.536	43	7972	6.739	ug/l #	60
18) Methyl Acetate	4.865	43	19525	6.628	ug/l #	76
25) 2-Butanone	7.388	43	24494	13.657	ug/l #	1
28) Bromochloromethane	7.765	49	1187	0.421	ug/l #	10
29) Tetrahydrofuran	7.883	42	20941	18.185	ug/l #	32
30) Chloroform	8.012	83	4829	1.100	ug/l	86
36) 1,1-Dichloropropene	8.018	75	58131	18.034	ug/l	95
37) Ethyl Acetate	7.388	43	24494	6.790	ug/l #	72
38) Carbon Tetrachloride	8.000	117	60617	18.551	ug/l	98
39) Methylcyclohexane	9.400	83	65263	18.471	ug/l #	83
40) Benzene	8.283	78	181794	18.913	ug/l	98
41) Methacrylonitrile	7.324	41	29469	13.890	ug/l	92
42) 1,2-Dichloroethane	8.365	62	70480	19.065	ug/l	94
43) Isopropyl Acetate	8.412	43	121346	18.984	ug/l #	89
44) Trichloroethene	9.130	130	39527	18.103	ug/l	95
45) 1,2-Dichloropropane	9.430	63	47753	19.255	ug/l	98
46) Dibromomethane	9.518	93	30817	18.927	ug/l	99
47) Bromodichloromethane	9.724	83	66066	19.220	ug/l #	98
48) Methyl methacrylate	9.406	41	70079	23.009	ug/l #	46
49) 1,4-Dioxane	9.512	88	16010	375.118	ug/l #	74
51) 4-Methyl-2-Pentanone	10.329	43	347074	95.567	ug/l	89
52) Toluene	10.518	92	111875	19.395	ug/l	99
53) t-1,3-Dichloropropene	10.741	75	69803	19.635	ug/l	99
54) cis-1,3-Dichloropropene	10.182	75	72966	19.390	ug/l #	80
55) 1,1,2-Trichloroethane	10.929	97	40458	19.300	ug/l	98
56) Ethyl methacrylate	10.794	69	70401	19.781	ug/l #	69
57) 1,3-Dichloropropane	11.082	76	74302	18.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.029	63	191988	104.584	ug/l #	88
59) 2-Hexanone	11.124	43	253390	95.289	ug/l	88
60) Dibromochloromethane	11.288	129	46906	20.276	ug/l	99
61) 1,2-Dibromoethane	11.400	107	40300	18.717	ug/l	98
64) Tetrachloroethene	11.018	164	38837	18.454	ug/l	96
65) Chlorobenzene	11.841	112	116127	18.513	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 1,1,1,2-Tetrachloroethane	11.912	131	38919	18.836	ug/l	99
67) Ethyl Benzene	11.918	91	209750	18.693	ug/l	96
68) m/p-Xylenes	12.029	106	151127	36.748	ug/l	90
69) o-Xylene	12.365	106	73972	18.569	ug/l	91
70) Styrene	12.376	104	123652	18.687	ug/l	94
71) Bromoform	12.547	173	28226	17.636	ug/l #	97
73) Isopropylbenzene	12.670	105	193010	18.967	ug/l	98
74) N-amyl acetate	12.470	43	103166	18.431	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.918	83	55948	19.073	ug/l	95
76) 1,2,3-Trichloropropane	12.970	75	76811	28.491	ug/l	68
77) Bromobenzene	12.953	156	45089	18.593	ug/l	86
78) n-propylbenzene	13.018	91	225909	18.748	ug/l	96
79) 2-Chlorotoluene	13.106	91	139132	18.388	ug/l	94
80) 1,3,5-Trimethylbenzene	13.153	105	157212	19.107	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.712	75	20629	17.897	ug/l #	82
82) 4-Chlorotoluene	13.206	91	140237	18.956	ug/l	93
83) tert-Butylbenzene	13.423	119	131520	18.271	ug/l	92
84) 1,2,4-Trimethylbenzene	13.470	105	162506	19.304	ug/l	97
85) sec-Butylbenzene	13.606	105	187491	18.791	ug/l	97
86) p-Isopropyltoluene	13.717	119	157266	19.394	ug/l	98
87) 1,3-Dichlorobenzene	13.717	146	80403	18.301	ug/l	98
88) 1,4-Dichlorobenzene	13.800	146	83439	18.608	ug/l	98
89) n-Butylbenzene	14.047	91	136677	18.753	ug/l	98
90) Hexachloroethane	14.323	117	27735	18.461	ug/l	97
91) 1,2-Dichlorobenzene	14.094	146	81627	19.628	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11238	18.647	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	42419	18.197	ug/l	97
94) Hexachlorobutadiene	15.500	225	18594	18.178	ug/l	97
95) Naphthalene	15.641	128	133123	18.223	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	42913	18.389	ug/l	99

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

