

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
 Data File : VN084533.D
 Acq On : 28 Oct 2024 12:42
 Operator : JC\MD
 Sample : VN1028WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/29/2024
 Supervised By :Semsettin Yesilyurt 10/29/2024

Quant Time: Oct 28 14:15:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	153585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	120028	52.709	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.420%			
35) Dibromofluoromethane	8.165	113	97758	56.704	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.400%			
50) Toluene-d8	10.565	98	339189	53.477	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.960%			
62) 4-Bromofluorobenzene	12.847	95	128168	55.467	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32819	18.065	ug/l	90
3) Chloromethane	2.359	50	38584	18.601	ug/l	95
4) Vinyl Chloride	2.512	62	38197	19.010	ug/l	94
5) Bromomethane	2.959	94	24802	18.714	ug/l	96
6) Chloroethane	3.124	64	24462	16.999	ug/l	97
7) Trichlorofluoromethane	3.495	101	64499	20.614	ug/l	98
8) Diethyl Ether	3.959	74	23424	20.186	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	37697	21.027	ug/l	99
10) Methyl Iodide	4.589	142	45050	19.513	ug/l	95
11) Tert butyl alcohol	5.524	59	36678	97.681	ug/l	100
12) 1,1-Dichloroethene	4.342	96	34705	20.069	ug/l	97
13) Acrolein	4.177	56	45695	106.004	ug/l	100
14) Allyl chloride	5.024	41	54502	18.148	ug/l	98
15) Acrylonitrile	5.712	53	104814	110.538	ug/l	98
16) Acetone	4.424	43	100976	103.223	ug/l	97
17) Carbon Disulfide	4.712	76	94328	17.229	ug/l	99
18) Methyl Acetate	5.018	43	51692	24.244	ug/l	95
19) Methyl tert-butyl Ether	5.795	73	121510	20.819	ug/l	93
20) Methylene Chloride	5.271	84	40822	20.529	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	36423	20.104	ug/l	97
22) Diisopropyl ether	6.671	45	129647	20.870	ug/l	97
23) Vinyl Acetate	6.600	43	460398	99.924	ug/l	99
24) 1,1-Dichloroethane	6.565	63	74449	21.431	ug/l	96
25) 2-Butanone	7.483	43	139554	104.742	ug/l	98
26) 2,2-Dichloropropane	7.489	77	63204	20.178	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	46492	21.237	ug/l	96
28) Bromochloromethane	7.812	49	27600	17.807	ug/l	97
29) Tetrahydrofuran	7.836	42	88635	107.799	ug/l	98
30) Chloroform	7.965	83	77683	21.528	ug/l	98
31) Cyclohexane	8.253	56	59659	17.687	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	68695	21.197	ug/l	98
36) 1,1-Dichloropropene	8.371	75	50266	20.073	ug/l	98
37) Ethyl Acetate	7.553	43	55019	21.416	ug/l	99
38) Carbon Tetrachloride	8.365	117	58005	21.116	ug/l	94
39) Methylcyclohexane	9.600	83	50745	18.207	ug/l	99
40) Benzene	8.600	78	165961	21.271	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28622	20.522	ug/l	94
42) 1,2-Dichloroethane	8.671	62	55845	21.113	ug/l	99
43) Isopropyl Acetate	8.683	43	90953	18.075	ug/l	99
44) Trichloroethene	9.347	130	38282	21.008	ug/l	95
45) 1,2-Dichloropropane	9.618	63	41254	22.352	ug/l	91
46) Dibromomethane	9.706	93	29173	23.422	ug/l	98
47) Bromodichloromethane	9.888	83	62043	22.421	ug/l #	96
48) Methyl methacrylate	9.677	41	41346	20.641	ug/l	99
49) 1,4-Dioxane	9.694	88	16234	440.215	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	278683	113.951	ug/l	100
52) Toluene	10.630	92	104073	21.875	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	59844	21.216	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	64547	21.274	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	38832	22.767	ug/l	98
56) Ethyl methacrylate	10.871	69	59079	21.051	ug/l	99
57) 1,3-Dichloropropane	11.159	76	67293	22.080	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	133928	102.870	ug/l	97
59) 2-Hexanone	11.194	43	204944	112.120	ug/l	99
60) Dibromochloromethane	11.359	129	47488	23.565	ug/l	98
61) 1,2-Dibromoethane	11.471	107	39250	22.147	ug/l	99
64) Tetrachloroethene	11.100	164	34860	21.635	ug/l	94
65) Chlorobenzene	11.888	112	108388	21.131	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	39252	22.217	ug/l	99
67) Ethyl Benzene	11.959	91	185920	20.496	ug/l	100
68) m/p-Xylenes	12.071	106	142707	42.530	ug/l	100
69) o-Xylene	12.400	106	68280	21.508	ug/l	99
70) Styrene	12.412	104	118025	21.949	ug/l	97
71) Bromoform	12.576	173	31631	24.318	ug/l #	98
73) Isopropylbenzene	12.694	105	172865	19.658	ug/l	98
74) N-amyl acetate	12.494	43	74861	18.800	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	58091	21.970	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	38781m	16.484	ug/l	
77) Bromobenzene	12.976	156	44307	20.888	ug/l	96
78) n-propylbenzene	13.035	91	207749	20.391	ug/l	99
79) 2-Chlorotoluene	13.123	91	130562	20.083	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	149399	20.828	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	19304m	19.672	ug/l	
82) 4-Chlorotoluene	13.218	91	131582	20.106	ug/l	98
83) tert-Butylbenzene	13.435	119	120519	18.904	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	150166	20.781	ug/l	98
85) sec-Butylbenzene	13.612	105	169882	19.968	ug/l	100
86) p-Isopropyltoluene	13.729	119	142206	20.214	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	82304	20.684	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	81235	20.216	ug/l	99
89) n-Butylbenzene	14.053	91	117520	18.423	ug/l	99
90) Hexachloroethane	14.329	117	27707	19.403	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	79604	20.402	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.712	75	11020	20.196	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	37077	19.292	ug/l	98
94) Hexachlorobutadiene	15.494	225	17813	18.586	ug/l	98
95) Naphthalene	15.641	128	115582	18.141	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	36684	19.069	ug/l	99

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

