

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
 Data File : VN084529.D
 Acq On : 28 Oct 2024 10:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 28 14:13:24 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	166557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120134	48.647	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.300%		
35) Dibromofluoromethane	8.165	113	99545	54.074	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.140%		
50) Toluene-d8	10.565	98	347657	51.331	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.660%		
62) 4-Bromofluorobenzene	12.847	95	132896	53.860	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	107.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	86744	44.030	ug/l	94
3) Chloromethane	2.359	50	99520	44.241	ug/l	100
4) Vinyl Chloride	2.512	62	100469	46.108	ug/l	97
5) Bromomethane	2.948	94	62891	43.757	ug/l	98
6) Chloroethane	3.118	64	65082	41.705	ug/l	92
7) Trichlorofluoromethane	3.495	101	170700	50.308	ug/l	96
8) Diethyl Ether	3.959	74	60129	47.781	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	96921	49.851	ug/l	98
10) Methyl Iodide	4.589	142	125472	50.113	ug/l	95
11) Tert butyl alcohol	5.518	59	95192	233.770	ug/l	100
12) 1,1-Dichloroethene	4.342	96	92279	49.207	ug/l	95
13) Acrolein	4.177	56	100084	214.094	ug/l	99
14) Allyl chloride	5.024	41	143362	44.018	ug/l	98
15) Acrylonitrile	5.718	53	260578	253.406	ug/l	97
16) Acetone	4.424	43	256618	241.898	ug/l	99
17) Carbon Disulfide	4.712	76	249987	42.104	ug/l	99
18) Methyl Acetate	5.018	43	130262	56.337	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	319640	50.500	ug/l	97
20) Methylene Chloride	5.277	84	110503	51.242	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	101035	51.425	ug/l	98
22) Diisopropyl ether	6.671	45	341716	50.724	ug/l	97
23) Vinyl Acetate	6.600	43	1218866	243.938	ug/l	98
24) 1,1-Dichloroethane	6.565	63	193799	51.442	ug/l	96
25) 2-Butanone	7.477	43	353909	244.937	ug/l	99
26) 2,2-Dichloropropane	7.489	77	173677	51.129	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	123148	51.870	ug/l	96
28) Bromochloromethane	7.812	49	74170	44.125	ug/l	94
29) Tetrahydrofuran	7.836	42	221155	248.023	ug/l	97
30) Chloroform	7.965	83	206104	52.667	ug/l	98
31) Cyclohexane	8.259	56	160173	43.789	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	181138	51.539	ug/l	99
36) 1,1-Dichloropropene	8.371	75	138130	51.657	ug/l	99
37) Ethyl Acetate	7.559	43	136243	49.664	ug/l	100
38) Carbon Tetrachloride	8.359	117	157140	53.573	ug/l	95
39) Methylcyclohexane	9.600	83	145094	48.754	ug/l	97
40) Benzene	8.600	78	442533	53.118	ug/l	98

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 Supervised By :Semsettin Yesilyurt 10/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	73419	49.298	ug/l	95
42) 1,2-Dichloroethane	8.671	62	147360	52.174	ug/l	100
43) Isopropyl Acetate	8.688	43	239287	44.533	ug/l	99
44) Trichloroethene	9.353	130	102839	52.851	ug/l	96
45) 1,2-Dichloropropane	9.618	63	108113	54.856	ug/l	100
46) Dibromomethane	9.706	93	78367	58.923	ug/l	98
47) Bromodichloromethane	9.888	83	162397	54.959	ug/l #	97
48) Methyl methacrylate	9.677	41	109240	51.072	ug/l	99
49) 1,4-Dioxane	9.694	88	40112	1018.632	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	701721	268.706	ug/l	99
52) Toluene	10.629	92	276685	54.461	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	161941	53.765	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	176595	54.508	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	105513	57.934	ug/l	97
56) Ethyl methacrylate	10.871	69	164948	55.041	ug/l	95
57) 1,3-Dichloropropane	11.159	76	180439	55.445	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	391410	281.550	ug/l	97
59) 2-Hexanone	11.194	43	521359	267.109	ug/l	99
60) Dibromochloromethane	11.359	129	123065	57.189	ug/l	99
61) 1,2-Dibromoethane	11.465	107	103496	54.689	ug/l	99
64) Tetrachloroethene	11.100	164	97380	54.633	ug/l	96
65) Chlorobenzene	11.888	112	295665	52.108	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	106403	54.443	ug/l	100
67) Ethyl Benzene	11.959	91	524379	52.257	ug/l	99
68) m/p-Xylenes	12.065	106	401441	108.151	ug/l	100
69) o-Xylene	12.394	106	192158	54.717	ug/l	100
70) Styrene	12.406	104	333454	56.058	ug/l	98
71) Bromoform	12.576	173	79927	55.548	ug/l #	97
73) Isopropylbenzene	12.694	105	489769	50.337	ug/l	100
74) N-amyl acetate	12.488	43	200302	45.461	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	148591	50.789	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	134172m	51.544	ug/l	
77) Bromobenzene	12.976	156	119903	51.089	ug/l	95
78) n-propylbenzene	13.035	91	587897	52.151	ug/l	99
79) 2-Chlorotoluene	13.123	91	359954	50.040	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	425471	53.608	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	58317	53.711	ug/l	92
82) 4-Chlorotoluene	13.218	91	367485	50.748	ug/l	98
83) tert-Butylbenzene	13.435	119	347018	49.193	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	427732	53.498	ug/l	99
85) sec-Butylbenzene	13.612	105	486834	51.718	ug/l	100
86) p-Isopropyltoluene	13.723	119	409248	52.576	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	223411	50.742	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	222616	50.068	ug/l	99
89) n-Butylbenzene	14.053	91	352954	50.006	ug/l	98
90) Hexachloroethane	14.329	117	76602	48.482	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	216615	50.175	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28304	46.881	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	110241	51.843	ug/l	99
94) Hexachlorobutadiene	15.500	225	49903	47.058	ug/l	97
95) Naphthalene	15.641	128	334829	47.496	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	109325	51.361	ug/l	98

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

