

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
 Data File : VN080604.D
 Acq On : 29 Dec 2023 09:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 29 23:36:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/01/2024
 Supervised By : Mahesh Dadoda 01/01/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	439789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	833050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	696045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	298635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	271117	48.060	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.120%		
35) Dibromofluoromethane	8.165	113	216905	40.259	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	80.520%		
50) Toluene-d8	10.571	98	841006	44.707	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.420%		
62) 4-Bromofluorobenzene	12.853	95	302933	47.849	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	238966	48.915	ug/l	100
3) Chloromethane	2.359	50	304327	56.037	ug/l	96
4) Vinyl Chloride	2.512	62	274897	50.565	ug/l	98
5) Bromomethane	2.948	94	108295	52.420	ug/l	96
6) Chloroethane	3.118	64	168073	49.518	ug/l	95
7) Trichlorofluoromethane	3.495	101	380886	49.066	ug/l	99
8) Diethyl Ether	3.959	74	170034	63.783	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	243580	57.482	ug/l	97
10) Methyl Iodide	4.589	142	164991	56.356	ug/l	98
11) Tert butyl alcohol	5.512	59	196921	259.469	ug/l	99
12) 1,1-Dichloroethene	4.342	96	239508	58.926	ug/l	88
13) Acrolein	4.171	56	262380	305.774	ug/l	95
14) Allyl chloride	5.024	41	335279	54.334	ug/l	90
15) Acrylonitrile	5.712	53	560670	259.019	ug/l	98
16) Acetone	4.424	43	422879	275.764	ug/l	100
17) Carbon Disulfide	4.712	76	602614	55.133	ug/l	100
18) Methyl Acetate	5.018	43	491249	57.782	ug/l	90
19) Methyl tert-butyl Ether	5.795	73	766859	52.405	ug/l	97
20) Methylene Chloride	5.277	84	280872	57.403	ug/l #	88
21) trans-1,2-Dichloroethene	5.783	96	239122	48.691	ug/l #	83
22) Diisopropyl ether	6.671	45	832843	60.764	ug/l #	87
23) Vinyl Acetate	6.600	43	2211949	290.972	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	508338	55.333	ug/l	98
25) 2-Butanone	7.483	43	757679	264.356	ug/l #	85
26) 2,2-Dichloropropane	7.489	77	421611	52.721	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	312471	53.494	ug/l	91
28) Bromochloromethane	7.806	49	204790	47.942	ug/l	88
29) Tetrahydrofuran	7.836	42	410325	219.520	ug/l #	84
30) Chloroform	7.965	83	432742	46.918	ug/l	97
31) Cyclohexane	8.259	56	316128	41.419	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	385244	46.322	ug/l	99
36) 1,1-Dichloropropene	8.371	75	322873	38.938	ug/l	97
37) Ethyl Acetate	7.553	43	298086	47.642	ug/l	96
38) Carbon Tetrachloride	8.365	117	339587	40.032	ug/l	95
39) Methylcyclohexane	9.600	83	343456	50.500	ug/l #	87
40) Benzene	8.606	78	1028631	42.596	ug/l	98

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41) Methacrylonitrile	7.777	41	183810	47.639	ug/l	86
42) 1,2-Dichloroethane	8.671	62	337865	43.976	ug/l	99
43) Isopropyl Acetate	8.688	43	457687	45.131	ug/l	97
44) Trichloroethene	9.353	130	268360	43.356	ug/l	93
45) 1,2-Dichloropropane	9.624	63	297127	52.725	ug/l	97
46) Dibromomethane	9.712	93	176954	46.670	ug/l	91
47) Bromodichloromethane	9.888	83	400153	50.349	ug/l	95
48) Methyl methacrylate	9.682	41	298084	52.937	ug/l #	82
49) 1,4-Dioxane	9.694	88	86666	962.929	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	1559594	270.385	ug/l	97
52) Toluene	10.635	92	606025	45.966	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	388569	48.496	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	478792	53.393	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	276027	52.781	ug/l	95
56) Ethyl methacrylate	10.877	69	278441	54.356	ug/l #	88
57) 1,3-Dichloropropane	11.165	76	476307	53.754	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1102449	304.758	ug/l	93
59) 2-Hexanone	11.200	43	1189495	273.613	ug/l	97
60) Dibromochloromethane	11.359	129	292536	50.234	ug/l	100
61) 1,2-Dibromoethane	11.471	107	243277	46.137	ug/l	99
64) Tetrachloroethene	11.106	164	230518	49.563	ug/l	94
65) Chlorobenzene	11.894	112	707735	48.877	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	275257	49.419	ug/l	97
67) Ethyl Benzene	11.965	91	1246251	51.482	ug/l	99
68) m/p-Xylenes	12.071	106	953905	106.200	ug/l	98
69) o-Xylene	12.400	106	417857	47.367	ug/l	98
70) Styrene	12.412	104	627008	48.876	ug/l	97
71) Bromoform	12.582	173	182209	46.245	ug/l #	99
73) Isopropylbenzene	12.700	105	1050751	51.408	ug/l	100
74) N-amyl acetate	12.494	43	383102	53.128	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	329716	46.744	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	303680m	47.279	ug/l	
77) Bromobenzene	12.982	156	264156	48.659	ug/l	99
78) n-propylbenzene	13.041	91	1198142	51.259	ug/l	100
79) 2-Chlorotoluene	13.129	91	737787	48.350	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	865885	50.170	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	120095	50.646	ug/l #	87
82) 4-Chlorotoluene	13.223	91	758448	48.602	ug/l	100
83) tert-Butylbenzene	13.441	119	696545	48.288	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	878018	50.242	ug/l	99
85) sec-Butylbenzene	13.618	105	945239	49.519	ug/l	100
86) p-Isopropyltoluene	13.729	119	832428	46.036	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	452010	46.200	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	445089	45.256	ug/l	98
89) n-Butylbenzene	14.059	91	709742	49.751	ug/l	100
90) Hexachloroethane	14.335	117	138121	46.354	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	436449	46.218	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	66891	45.947	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	215789	43.311	ug/l	97
94) Hexachlorobutadiene	15.506	225	104983	40.831	ug/l	97
95) Naphthalene	15.647	128	716684	46.219	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	216680	43.020	ug/l	98

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

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