

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082604.D
 Acq On : 17 Jun 2024 12:58
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN061724

Quant Time: Jun 18 04:54:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	190814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	307106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	148396	48.496	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.000%		
35) Dibromofluoromethane	8.171	113	102885	49.384	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.760%		
50) Toluene-d8	10.571	98	407661	51.743	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.480%		
62) 4-Bromofluorobenzene	12.853	95	144961	53.368	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	106.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	127448	47.824	ug/l	99
3) Chloromethane	2.359	50	137478	43.034	ug/l	96
4) Vinyl Chloride	2.512	62	135789	44.664	ug/l	99
5) Bromomethane	2.948	94	80238	40.999	ug/l	96
6) Chloroethane	3.112	64	93760	43.249	ug/l	98
7) Trichlorofluoromethane	3.495	101	179715	45.309	ug/l	99
8) Diethyl Ether	3.959	74	63350	46.898	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	103273	46.484	ug/l	100
10) Methyl Iodide	4.583	142	105692	49.942	ug/l	97
11) Tert butyl alcohol	5.530	59	112540	224.717	ug/l	99
12) 1,1-Dichloroethene	4.342	96	96086	45.227	ug/l	95
13) Acrolein	4.183	56	111416	218.393	ug/l	98
14) Allyl chloride	5.018	41	189386	45.579	ug/l	99
15) Acrylonitrile	5.718	53	302194	228.598	ug/l	99
16) Acetone	4.424	43	301713	216.805	ug/l	99
17) Carbon Disulfide	4.706	76	295365	43.777	ug/l	99
18) Methyl Acetate	5.018	43	150747	44.290	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	350772	48.233	ug/l	98
20) Methylene Chloride	5.277	84	112985	46.180	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	105268	46.621	ug/l	96
22) Diisopropyl ether	6.677	45	427435	49.052	ug/l	99
23) Vinyl Acetate	6.606	43	1725029	249.640	ug/l	100
24) 1,1-Dichloroethane	6.565	63	218284	46.243	ug/l	99
25) 2-Butanone	7.483	43	465160	235.163	ug/l	97
26) 2,2-Dichloropropane	7.489	77	195898	47.839	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	124852	45.891	ug/l	99
28) Bromochloromethane	7.812	49	102943	47.786	ug/l	99
29) Tetrahydrofuran	7.841	42	298709	246.682	ug/l	100
30) Chloroform	7.965	83	216941	47.114	ug/l	100
31) Cyclohexane	8.259	56	203569	46.097	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	196385	47.032	ug/l	99
36) 1,1-Dichloropropene	8.371	75	157526	50.580	ug/l	99
37) Ethyl Acetate	7.565	43	183858	46.345	ug/l	99
38) Carbon Tetrachloride	8.365	117	169829	48.387	ug/l	96
39) Methylcyclohexane	9.606	83	171429	52.303	ug/l	96
40) Benzene	8.606	78	479583	49.836	ug/l	99

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41) Methacrylonitrile	7.777	41	101302	49.955	ug/l	99
42) 1,2-Dichloroethane	8.671	62	182169	49.767	ug/l	100
43) Isopropyl Acetate	8.688	43	325310	43.877	ug/l	99
44) Trichloroethene	9.353	130	107613	48.158	ug/l	98
45) 1,2-Dichloropropane	9.624	63	122932	49.629	ug/l	98
46) Dibromomethane	9.712	93	81538	48.561	ug/l	99
47) Bromodichloromethane	9.888	83	176113	49.196	ug/l	98
48) Methyl methacrylate	9.683	41	154866	50.670	ug/l	99
49) 1,4-Dioxane	9.694	88	48079	1005.685	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	967076	254.309	ug/l	100
52) Toluene	10.630	92	301244	51.654	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	190792	52.135	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	197829	52.276	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	107988	51.159	ug/l	95
56) Ethyl methacrylate	10.877	69	186261	53.278	ug/l	99
57) 1,3-Dichloropropane	11.165	76	196516	50.360	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	482675	260.989	ug/l	99
59) 2-Hexanone	11.200	43	753956	260.860	ug/l	100
60) Dibromochloromethane	11.359	129	131676	51.102	ug/l	99
61) 1,2-Dibromoethane	11.471	107	109204	49.069	ug/l	98
64) Tetrachloroethene	11.106	164	108968	45.662	ug/l	98
65) Chlorobenzene	11.894	112	320808	48.336	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	112175	47.398	ug/l	98
67) Ethyl Benzene	11.965	91	579805	51.269	ug/l	99
68) m/p-Xylenes	12.071	106	439828	104.539	ug/l	99
69) o-Xylene	12.400	106	210230	53.184	ug/l	98
70) Styrene	12.412	104	367588	54.791	ug/l	99
71) Bromoform	12.582	173	90022	48.111	ug/l #	100
73) Isopropylbenzene	12.700	105	539058	50.050	ug/l	100
74) N-amyl acetate	12.494	43	285570	49.681	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	155730	44.327	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	149468m	43.086	ug/l	
77) Bromobenzene	12.982	156	129580	46.741	ug/l	100
78) n-propylbenzene	13.035	91	660931	51.879	ug/l	100
79) 2-Chlorotoluene	13.123	91	389956	48.809	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	456526	52.232	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	67685	46.678	ug/l	95
82) 4-Chlorotoluene	13.223	91	402451	50.426	ug/l	100
83) tert-Butylbenzene	13.441	119	380769	51.143	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	464152	52.937	ug/l	100
85) sec-Butylbenzene	13.618	105	548597	51.883	ug/l	100
86) p-Isopropyltoluene	13.729	119	463070	54.384	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	242847	48.313	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	239689	45.621	ug/l	99
89) n-Butylbenzene	14.059	91	400697	53.052	ug/l	100
90) Hexachloroethane	14.335	117	86207	46.532	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	229443	46.749	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	34898	46.937	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	124984	48.293	ug/l	100
94) Hexachlorobutadiene	15.506	225	54119	42.411	ug/l	98
95) Naphthalene	15.641	128	402741	50.582	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	124687	47.276	ug/l	96

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

