

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062724\
 Data File : VN082734.D
 Acq On : 27 Jun 2024 22:25
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 28 05:41:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 05:38:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/28/2024
 Supervised By :Mahesh Dadoda 06/28/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	99455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	179311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	166343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	76011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	31138	20.302	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.600%#		
35) Dibromofluoromethane	8.171	113	23981	20.313	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.620%#		
50) Toluene-d8	10.571	98	85912	19.459	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	38.920%#		
62) 4-Bromofluorobenzene	12.853	95	29790	19.618	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	39.240%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	28706	18.907	ug/l	97
3) Chloromethane	2.360	50	30475	19.178	ug/l	98
4) Vinyl Chloride	2.512	62	33469	19.877	ug/l	96
5) Bromomethane	2.942	94	22735	18.978	ug/l	94
6) Chloroethane	3.112	64	23831	20.066	ug/l	96
7) Trichlorofluoromethane	3.489	101	43391	20.789	ug/l	99
8) Diethyl Ether	3.959	74	14262	21.848	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	25489	21.406	ug/l	96
10) Methyl Iodide	4.589	142	21943	20.097	ug/l	92
11) Tert butyl alcohol	5.536	59	26048	106.324	ug/l	98
12) 1,1-Dichloroethene	4.336	96	23662	21.303	ug/l	93
13) Acrolein	4.177	56	16874	107.674	ug/l	97
14) Allyl chloride	5.018	41	35285	21.143	ug/l	93
15) Acrylonitrile	5.724	53	68780	105.543	ug/l	99
16) Acetone	4.436	43	58521	100.708	ug/l	97
17) Carbon Disulfide	4.706	76	69899	19.214	ug/l	100
18) Methyl Acetate	5.030	43	31808	20.590	ug/l #	90
19) Methyl tert-butyl Ether	5.800	73	78440	21.299	ug/l	95
20) Methylene Chloride	5.271	84	28203	21.166	ug/l	87
21) trans-1,2-Dichloroethene	5.789	96	25040	20.891	ug/l	87
22) Diisopropyl ether	6.671	45	85555	22.035	ug/l	95
23) Vinyl Acetate	6.606	43	333408	107.548	ug/l #	95
24) 1,1-Dichloroethane	6.565	63	50133	21.268	ug/l	99
25) 2-Butanone	7.489	43	91200	102.340	ug/l	93
26) 2,2-Dichloropropane	7.494	77	30868	20.411	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	28964	20.538	ug/l	91
28) Bromochloromethane	7.812	49	20028	19.426	ug/l	93
29) Tetrahydrofuran	7.841	42	60946	106.461	ug/l	89
30) Chloroform	7.971	83	51247	20.392	ug/l	100
31) Cyclohexane	8.259	56	42486	19.660	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	46021	20.741	ug/l	98
36) 1,1-Dichloropropene	8.377	75	35165	20.723	ug/l	99
37) Ethyl Acetate	7.559	43	38235	20.848	ug/l #	95
38) Carbon Tetrachloride	8.365	117	40705	20.510	ug/l	97
39) Methylcyclohexane	9.600	83	36451	20.690	ug/l	94
40) Benzene	8.606	78	112023	20.124	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	19008	20.100	ug/l #	88
42) 1,2-Dichloroethane	8.671	62	40756	20.389	ug/l	98
43) Isopropyl Acetate	8.694	43	64035	19.621	ug/l	94
44) Trichloroethene	9.353	130	25635	19.834	ug/l	100
45) 1,2-Dichloropropane	9.624	63	27143	20.119	ug/l	94
46) Dibromomethane	9.712	93	20401	20.702	ug/l	97
47) Bromodichloromethane	9.888	83	41509	20.671	ug/l #	97
48) Methyl methacrylate	9.683	41	28973	20.528	ug/l	91
49) 1,4-Dioxane	9.700	88	11954	424.386	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	196725	104.872	ug/l	96
52) Toluene	10.630	92	67546	20.664	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	39072	20.573	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	41212	20.640	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	26349	20.788	ug/l	93
56) Ethyl methacrylate	10.877	69	39352	18.738	ug/l	89
57) 1,3-Dichloropropane	11.165	76	45746	20.534	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	100005	104.129	ug/l	98
59) 2-Hexanone	11.200	43	147228	105.849	ug/l	94
60) Dibromochloromethane	11.359	129	32120	20.895	ug/l	96
61) 1,2-Dibromoethane	11.471	107	27432	20.599	ug/l	98
64) Tetrachloroethene	11.106	164	24917	19.996	ug/l	93
65) Chlorobenzene	11.894	112	76531	20.510	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	26499	20.435	ug/l	99
67) Ethyl Benzene	11.965	91	125352	20.356	ug/l	100
68) m/p-Xylenes	12.071	106	99776	39.223	ug/l	96
69) o-Xylene	12.400	106	45801	20.741	ug/l	96
70) Styrene	12.412	104	79972	19.185	ug/l	99
71) Bromoform	12.582	173	20627	20.340	ug/l #	96
73) Isopropylbenzene	12.700	105	117113	21.126	ug/l	99
74) N-amyl acetate	12.494	43	52591	21.255	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	38882	19.991	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	35326m	23.838	ug/l	
77) Bromobenzene	12.982	156	29114	21.133	ug/l	99
78) n-propylbenzene	13.035	91	140161	21.413	ug/l	99
79) 2-Chlorotoluene	13.129	91	87016	21.212	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	98723	21.679	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	13016	20.473	ug/l	98
82) 4-Chlorotoluene	13.224	91	86099	21.269	ug/l	97
83) tert-Butylbenzene	13.441	119	84164	21.065	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	101738	22.603	ug/l	99
85) sec-Butylbenzene	13.618	105	118413	22.052	ug/l	100
86) p-Isopropyltoluene	13.729	119	95543	20.252	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	53966	20.457	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	56034	20.408	ug/l	98
89) n-Butylbenzene	14.059	91	81335	21.350	ug/l	99
90) Hexachloroethane	14.335	117	20526	21.487	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	52260	20.859	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	7734	21.106	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	25051	20.482	ug/l	97
94) Hexachlorobutadiene	15.500	225	11276	20.382	ug/l	98
95) Naphthalene	15.647	128	87308	21.493	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	26420	20.256	ug/l	98

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

