

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083960.D
 Acq On : 18 Sep 2024 04:21
 Operator : JC\MD
 Sample : VN0917MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBS01

Quant Time: Sep 18 05:43:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 09/18/2024

Supervised By :Mahesh
 Dadoda
 09/18/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	129616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	228433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	200915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95105	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	99418	50.868	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.740%	
35) Dibromofluoromethane	8.165	113	72037	49.259	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.520%	
50) Toluene-d8	10.565	98	255000	50.439	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.880%	
62) 4-Bromofluorobenzene	12.847	95	96679	46.351	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 92.700%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.124	85	29737	19.755	ug/l 100
3) Chloromethane	2.359	50	31573	19.410	ug/l 99
4) Vinyl Chloride	2.518	62	32797	19.878	ug/l # 85
5) Bromomethane	2.965	94	20887	22.049	ug/l 96
6) Chloroethane	3.124	64	20797	17.969	ug/l 97
7) Trichlorofluoromethane	3.494	101	56343	20.118	ug/l 94
8) Diethyl Ether	3.959	74	18729	19.950	ug/l 95
9) 1,1,2-Trichlorotrifluo...	4.377	101	29836	20.099	ug/l 96
10) Methyl Iodide	4.594	142	36925	19.558	ug/l 98
11) Tert butyl alcohol	5.518	59	31096	118.816	ug/l # 71
12) 1,1-Dichloroethene	4.341	96	28144	20.075	ug/l 91
13) Acrolein	4.183	56	18028	69.815	ug/l 99
14) Allyl chloride	5.030	41	45741	18.311	ug/l 92
15) Acrylonitrile	5.718	53	79579	111.809	ug/l 98
16) Acetone	4.430	43	73436	93.730	ug/l 92
17) Carbon Disulfide	4.718	76	70683	18.024	ug/l 98
18) Methyl Acetate	5.024	43	40527	23.856	ug/l 98
19) Methyl tert-butyl Ether	5.800	73	105323	20.761	ug/l 97
20) Methylene Chloride	5.283	84	32883	20.510	ug/l 93
21) trans-1,2-Dichloroethene	5.783	96	29589	19.694	ug/l 96
22) Diisopropyl ether	6.671	45	110097	21.410	ug/l 95
23) Vinyl Acetate	6.606	43	389055	103.313	ug/l 96
24) 1,1-Dichloroethane	6.565	63	62635	21.142	ug/l 98
25) 2-Butanone	7.482	43	109358	106.197	ug/l 99
26) 2,2-Dichloropropane	7.488	77	41116	15.070	ug/l 95
27) cis-1,2-Dichloroethene	7.488	96	36091	20.236	ug/l 100
28) Bromochloromethane	7.812	49	25387	20.348	ug/l 94
29) Tetrahydrofuran	7.841	42	70031	115.014	ug/l 97
30) Chloroform	7.965	83	66979	21.295	ug/l 94
31) Cyclohexane	8.259	56	51324	18.170	ug/l 94
32) 1,1,1-Trichloroethane	8.165	97	59834	20.689	ug/l 96
36) 1,1-Dichloropropene	8.371	75	43405	19.720	ug/l 99
37) Ethyl Acetate	7.559	43	46590	23.319	ug/l 97
38) Carbon Tetrachloride	8.359	117	52201	20.904	ug/l 95
39) Methylcyclohexane	9.600	83	44235	17.656	ug/l 92
40) Benzene	8.606	78	134961	20.371	ug/l 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	26092	22.080	ug/l	97
42) 1,2-Dichloroethane	8.671	62	53014	21.415	ug/l	99
43) Isopropyl Acetate	8.688	43	80736	22.299	ug/l	100
44) Trichloroethene	9.347	130	31621	20.611	ug/l	98
45) 1,2-Dichloropropane	9.623	63	34058	21.270	ug/l	99
46) Dibromomethane	9.706	93	24213	21.589	ug/l	95
47) Bromodichloromethane	9.888	83	53804	22.166	ug/l	96
48) Methyl methacrylate	9.682	41	38023	22.135	ug/l	95
49) 1,4-Dioxane	9.694	88	12532	443.485	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	231069	117.242	ug/l	97
52) Toluene	10.629	92	83005	20.483	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	49693	20.197	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	51342	19.866	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	32958	21.785	ug/l	97
56) Ethyl methacrylate	10.870	69	51007	21.914	ug/l	96
57) 1,3-Dichloropropane	11.165	76	55891	21.495	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	93931	111.997	ug/l	97
59) 2-Hexanone	11.194	43	168715	115.725	ug/l	95
60) Dibromochloromethane	11.359	129	37032	21.872	ug/l	99
61) 1,2-Dibromoethane	11.470	107	32498	21.539	ug/l	94
64) Tetrachloroethene	11.106	164	28061	21.002	ug/l	95
65) Chlorobenzene	11.888	112	89114	19.956	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	32290	20.859	ug/l	99
67) Ethyl Benzene	11.964	91	162367	20.468	ug/l	98
68) m/p-Xylenes	12.070	106	118580	40.264	ug/l	99
69) o-Xylene	12.400	106	58185	20.408	ug/l	99
70) Styrene	12.412	104	96671	20.661	ug/l	98
71) Bromoform	12.582	173	23207	22.247	ug/l #	100
73) Isopropylbenzene	12.694	105	150956	20.516	ug/l	100
74) N-amyl acetate	12.494	43	66560	21.202	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	45770	21.171	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	39364m	20.512	ug/l	
77) Bromobenzene	12.976	156	34310	19.372	ug/l	96
78) n-propylbenzene	13.035	91	177160	20.694	ug/l	99
79) 2-Chlorotoluene	13.129	91	112816	20.663	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	125833	20.284	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	13455	18.363	ug/l	92
82) 4-Chlorotoluene	13.223	91	113021	20.628	ug/l	99
83) tert-Butylbenzene	13.441	119	109489	20.174	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	127587	20.475	ug/l	98
85) sec-Butylbenzene	13.617	105	148563	20.640	ug/l	99
86) p-Isopropyltoluene	13.729	119	118729	19.678	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	63881	19.111	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	64023	18.916	ug/l	98
89) n-Butylbenzene	14.053	91	102793	18.975	ug/l	99
90) Hexachloroethane	14.335	117	25020	20.628	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	62377	19.336	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9455	21.939	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	30231	17.464	ug/l	97
94) Hexachlorobutadiene	15.500	225	13673	18.599	ug/l	99
95) Naphthalene	15.641	128	98467	18.697	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	30137	18.216	ug/l	98

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

