

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110724\
 Data File : VN084720.D
 Acq On : 07 Nov 2024 13:58
 Operator : JC\MD
 Sample : VN1107MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107MBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/08/2024
 Supervised By :Mahesh Dadoda 11/08/2024

Quant Time: Nov 08 00:25:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	175664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134964	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115293	45.441	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.880%
35) Dibromofluoromethane	8.159	113	92818	47.434	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.860%
50) Toluene-d8	10.565	98	341578	47.387	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.780%
62) 4-Bromofluorobenzene	12.847	95	132122	49.044	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	41289	20.446	ug/l	93
3) Chloromethane	2.359	50	45645	17.632	ug/l	99
4) Vinyl Chloride	2.512	62	44408	20.446	ug/l	99
5) Bromomethane	2.901	94	24287	21.105	ug/l	100
6) Chloroethane	3.065	64	28992	20.748	ug/l	90
7) Trichlorofluoromethane	3.465	101	75125	20.997	ug/l	98
8) Diethyl Ether	3.954	74	26206	20.763	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.353	101	44295	21.910	ug/l	98
10) Methyl Iodide	4.577	142	58604	21.689	ug/l	96
11) Tert butyl alcohol	5.542	59	37052	110.636	ug/l	99
12) 1,1-Dichloroethene	4.330	96	40335	20.163	ug/l	93
13) Acrolein	4.177	56	23663	70.857	ug/l	97
14) Allyl chloride	5.012	41	66483	20.493	ug/l	92
15) Acrylonitrile	5.718	53	105075	108.378	ug/l	99
16) Acetone	4.430	43	87201	117.469	ug/l	92
17) Carbon Disulfide	4.701	76	111337	18.073	ug/l	99
18) Methyl Acetate	5.018	43	56300	18.516	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	134255	21.896	ug/l	96
20) Methylene Chloride	5.271	84	47486	21.280	ug/l	90
21) trans-1,2-Dichloroethene	5.777	96	41079	19.998	ug/l	99
22) Diisopropyl ether	6.671	45	137249	21.291	ug/l	98
23) Vinyl Acetate	6.600	43	481041	108.210	ug/l	97
24) 1,1-Dichloroethane	6.559	63	81536	21.068	ug/l	99
25) 2-Butanone	7.483	43	131257	110.889	ug/l	98
26) 2,2-Dichloropropane	7.483	77	73321	21.767	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	51367	21.416	ug/l	95
28) Bromochloromethane	7.812	49	39535	25.640	ug/l	91
29) Tetrahydrofuran	7.836	42	86058	109.590	ug/l	97
30) Chloroform	7.965	83	86548	21.971	ug/l	96
31) Cyclohexane	8.253	56	70526	20.134	ug/l	90
32) 1,1,1-Trichloroethane	8.159	97	77436	21.598	ug/l	98
36) 1,1-Dichloropropene	8.365	75	56754	20.913	ug/l	99
37) Ethyl Acetate	7.559	43	54216	22.019	ug/l	98
38) Carbon Tetrachloride	8.359	117	67255	22.172	ug/l	99
39) Methylcyclohexane	9.600	83	59666	21.611	ug/l	95
40) Benzene	8.606	78	189347	21.726	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	31212	23.572	ug/l	96
42) 1,2-Dichloroethane	8.671	62	63467	22.486	ug/l	100
43) Isopropyl Acetate	8.688	43	94920	20.293	ug/l	97
44) Trichloroethene	9.347	130	43376	21.580	ug/l	99
45) 1,2-Dichloropropane	9.618	63	45712	22.359	ug/l	97
46) Dibromomethane	9.706	93	32013	22.191	ug/l	95
47) Bromodichloromethane	9.883	83	67977	22.354	ug/l #	99
48) Methyl methacrylate	9.683	41	42652	22.257	ug/l	95
49) 1,4-Dioxane	9.694	88	15706	462.513	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	275072	117.189	ug/l	99
52) Toluene	10.630	92	115829	22.724	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	66953	21.270	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	72060	21.629	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	44973	23.423	ug/l	97
56) Ethyl methacrylate	10.877	69	66295	23.871	ug/l	94
57) 1,3-Dichloropropane	11.159	76	74081	22.481	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	125888	96.868	ug/l	97
59) 2-Hexanone	11.194	43	205507	120.283	ug/l	98
60) Dibromochloromethane	11.359	129	51817	23.679	ug/l	99
61) 1,2-Dibromoethane	11.465	107	43794	22.273	ug/l	99
64) Tetrachloroethene	11.106	164	39072	22.463	ug/l	89
65) Chlorobenzene	11.888	112	123748	21.153	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	46006	22.609	ug/l	98
67) Ethyl Benzene	11.965	91	212888	21.801	ug/l	99
68) m/p-Xylenes	12.071	106	164879	44.598	ug/l	100
69) o-Xylene	12.400	106	80174	23.182	ug/l	99
70) Styrene	12.412	104	135560	22.470	ug/l	98
71) Bromoform	12.576	173	36158	23.614	ug/l #	98
73) Isopropylbenzene	12.694	105	199058	21.047	ug/l	100
74) N-amyl acetate	12.494	43	84921	21.096	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	66757	21.146	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	55470m	20.561	ug/l	
77) Bromobenzene	12.976	156	52115	20.497	ug/l	94
78) n-propylbenzene	13.035	91	231487	20.887	ug/l	98
79) 2-Chlorotoluene	13.123	91	150752	20.817	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	172658	22.026	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	22924	20.158	ug/l	98
82) 4-Chlorotoluene	13.218	91	153290	20.114	ug/l	97
83) tert-Butylbenzene	13.435	119	142398	21.949	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	177596	21.951	ug/l	99
85) sec-Butylbenzene	13.618	105	200198	21.846	ug/l	99
86) p-Isopropyltoluene	13.729	119	167531	22.291	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	97338	19.616	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	96984	20.630	ug/l	99
89) n-Butylbenzene	14.053	91	136885	19.470	ug/l	98
90) Hexachloroethane	14.335	117	33520	19.999	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	96157	20.166	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11492	17.969	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	45901	17.588	ug/l	99
94) Hexachlorobutadiene	15.500	225	21659	18.898	ug/l	99
95) Naphthalene	15.641	128	141866	18.160	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	45335	17.894	ug/l	99

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

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