Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072424\
Data File : VW029713.D
Acq On : 24 Jul 2024 15:28
Operator : SY/MD
Sample : VSTD2.558
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 25 01:10:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jul 25 01:09:55 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5458

Manual Integrations APPROVED

Reviewed By :Romaben Patel 07/25/2024
Supervised By :Mahesh Dadoda 07/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	243631	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	226670	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	104011	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	10877	2.878	ug/L	-0.01
7) Chloroethane-d5	2.899	69	7149	2.621	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	4671	2.727	ug/L	0.00
21) 2-Butanone-d5	7.099	46	5066m	4.414	ug/L	0.02
24) Chloroform-d	7.648	84	16369	2.394	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	9541	2.385	ug/L	0.00
32) Benzene-d6	8.270	84	30819	2.340	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	10159	2.407	ug/L	0.00
41) Toluene-d8	10.324	98	26093	2.237	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.580	79	3677	2.068	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	2922m	3.808	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	7425	2.186	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	8846	2.502	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	8293m	3.098	ug/L	
3) Chloromethane	2.216	50	9582	2.800	ug/L	90
5) Vinyl chloride	2.369	62	12248	3.154	ug/L	96
6) Bromomethane	2.789	94	6473	2.894	ug/L	83
8) Chloroethane	2.942	64	6355	2.713	ug/L	99
9) Trichlorofluoromethane	3.265	101	7146	2.104	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	10084m	3.047	ug/L	
12) 1,1-Dichloroethene	4.045	96	8604	2.759	ug/L	94
13) Acetone	4.137	43	6831	5.675	ug/L	99
14) Carbon disulfide	4.380	76	27102	2.655	ug/L	98
15) Methyl Acetate	4.679	43	5006	2.382	ug/L #	72
16) Methylene chloride	4.917	84	19586	4.397	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	9152	2.673	ug/L	90
18) Methyl tert-butyl Ether	5.429	73	14416	2.472	ug/L	96
19) 1,1-Dichloroethane	6.215	63	20068	2.849	ug/L	92
20) cis-1,2-Dichloroethene	7.166	96	9762	2.619	ug/L	90
22) 2-Butanone	7.179	43	8477m	5.379	ug/L	
23) Bromochloromethane	7.514	128	4359	2.631	ug/L	90
25) Chloroform	7.672	83	19126	2.823	ug/L	98
27) 1,2-Dichloroethane	8.404	62	14037	2.781	ug/L	97
29) Cyclohexane	7.959	56	14621	2.505	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	15238	2.883	ug/L	95
31) Carbon tetrachloride	8.069	117	13358	2.749	ug/L	98
33) Benzene	8.325	78	39540	2.735	ug/L	100
34) Trichloroethene	9.093	95	10900	2.868	ug/L	91
35) Methylcyclohexane	9.337	83	15562	2.497	ug/L	91
37) 1,2-Dichloropropane	9.367	63	11124m	2.779	ug/L	
38) Bromodichloromethane	9.642	83	13228	2.716	ug/L	91
39) cis-1,3-Dichloropropene	10.068	75	14321	2.396	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	12436	4.441	ug/L	99
42) Toluene	10.385	91	39040	2.639	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	11967	2.351	ug/L	98

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45)	1,1,2-Trichloroethane	10.788	97	7328	2.571	ug/L		90
46)	Tetrachloroethene	10.861	164	8330	3.121	ug/L		87
48)	2-Hexanone	10.965	43	9763m	4.676	ug/L		
49)	Dibromochloromethane	11.123	129	7488	2.536	ug/L		97
50)	1,2-Dibromoethane	11.233	107	6804	2.516	ug/L	#	93
51)	Chlorobenzene	11.653	112	27076	2.849	ug/L		94
52)	Ethylbenzene	11.727	91	43173	2.588	ug/L		97
53)	m,p-Xylene	11.830	106	16185	2.638	ug/L		92
54)	o-Xylene	12.166	106	14426	2.551	ug/L		95
55)	Styrene	12.178	104	24717	2.473	ug/L		91
57)	1,1,2,2-Tetrachloroethane	12.714	83	9226	2.571	ug/L	#	90
59)	Bromoform	12.348	173	3848	2.364	ug/L	#	93
60)	Isopropylbenzene	12.464	105	39976	2.654	ug/L		99
61)	1,2,3-Trichloropropane	12.769	75	7206	2.815	ug/L		96
62)	1,3,5-Trimethylbenzene	12.934	105	25445	2.341	ug/L		99
63)	1,2,4-Trimethylbenzene	13.245	105	30656	2.596	ug/L		95
64)	1,3-Dichlorobenzene	13.489	146	18776	2.800	ug/L		99
65)	1,4-Dichlorobenzene	13.574	146	21230	3.105	ug/L		97
67)	1,2-Dichlorobenzene	13.866	146	17410	2.873	ug/L		93
68)	1,2-Dibromo-3-chloropr...	14.476	75	1652	2.723	ug/L	#	90
69)	1,3,5-Trichlorobenzene	14.622	180	13835	3.132	ug/L		99
70)	1,2,4-trichlorobenzene	15.128	180	12242	3.211	ug/L		91
71)	Naphthalene	15.360	128	18734	2.334	ug/L		99
72)	1,2,3-Trichlorobenzene	15.549	180	11210	3.251	ug/L		99

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

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