Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013125\
Data File : VW031672.D
Acq On : 31 Jan 2025 17:21
Operator : SY/MD
Sample : VSTD00559
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005459

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

Quant Time: Feb 03 07:32:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013125SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Feb 03 07:30:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	8.837	114	434745	25.000 ug/L	0.00
28) Chlorobenzene-d5	11.629	117	309482	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	140618	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.369	65	43650	6.604 ug/L	0.00
7) Chloroethane-d5	2.893	69	27994	5.993 ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	22632m	7.671 ug/L	0.00
21) 2-Butanone-d5	7.100	46	23771	18.950 ug/L	0.00
24) Chloroform-d	7.642	84	56402	5.300 ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	22521	4.517 ug/L	0.00
32) Benzene-d6	8.276	84	126222	6.567 ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	31369	5.734 ug/L	0.00
41) Toluene-d8	10.319	98	114333	6.632 ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	8413	3.972 ug/L	0.00
47) 2-Hexanone-d5	10.928	63	10652	16.461 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.684	84	23132	6.697 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	26626	5.612 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.009	85	29793m	5.154 ug/L	
3) Chloromethane	2.216	50	31524	5.396 ug/L	96
5) Vinyl chloride	2.375	62	39074	5.164 ug/L	98
6) Bromomethane	2.783	94	19451	4.559 ug/L	96
8) Chloroethane	2.930	64	19744	4.601 ug/L	92
9) Trichlorofluoromethane	3.259	101	29400	4.086 ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	34238m	5.821 ug/L	
12) 1,1-Dichloroethene	4.033	96	35222m	5.909 ug/L	
13) Acetone	4.155	43	19324	19.333 ug/L	97
14) Carbon disulfide	4.393	76	101570	5.141 ug/L	99
15) Methyl Acetate	4.686	43	16559	6.983 ug/L #	100
16) Methylene chloride	4.929	84	26318m	4.657 ug/L	
17) trans-1,2-Dichloroethene	5.423	96	34497	5.438 ug/L	89
18) Methyl tert-butyl Ether	5.429	73	34235	3.758 ug/L #	70
19) 1,1-Dichloroethane	6.216	63	54546	4.746 ug/L	88
20) cis-1,2-Dichloroethene	7.167	96	31140	4.804 ug/L	92
22) 2-Butanone	7.185	43	28436m	17.513 ug/L	
23) Bromochloromethane	7.508	128	10574	4.329 ug/L	93
25) Chloroform	7.673	83	50130	4.654 ug/L	93
27) 1,2-Dichloroethane	8.404	62	26006	4.069 ug/L	99
29) Cyclohexane	7.953	56	65588	6.139 ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	47160	5.645 ug/L	98
31) Carbon tetrachloride	8.063	117	42701	5.674 ug/L	96
33) Benzene	8.319	78	128125	5.816 ug/L	100
34) Trichloroethene	9.093	95	36691	6.090 ug/L	94
35) Methylcyclohexane	9.331	83	64889	5.839 ug/L	94
37) 1,2-Dichloropropane	9.362	63	26990	5.116 ug/L	98
38) Bromodichloromethane	9.636	83	27651	4.449 ug/L #	91
39) cis-1,3-Dichloropropene	10.069	75	32108	4.040 ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	36422	13.167 ug/L	96
42) Toluene	10.380	91	131843	5.735 ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	23250	3.705 ug/L	96

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Supervised By :Semsettin Yesilyurt 02/03/2025

Quant Time: Feb 03 07:32:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013125SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Feb 03 07:30:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	16986	5.121	ug/L		91
46) Tetrachloroethene	10.861	164	25971	5.906	ug/L		95
48) 2-Hexanone	10.971	43	27233	15.346	ug/L		97
49) Dibromochloromethane	11.130	129	15217	4.295	ug/L		86
50) 1,2-Dibromoethane	11.233	107	16218	5.262	ug/L		93
51) Chlorobenzene	11.654	112	71981	5.245	ug/L		98
52) Ethylbenzene	11.727	91	144119	5.471	ug/L		100
53) m,p-Xylene	11.837	106	53049	5.344	ug/L		97
54) o-Xylene	12.160	106	45837	5.026	ug/L		89
55) Styrene	12.178	104	71738	4.821	ug/L		88
57) 1,1,2,2-Tetrachloroethane	12.709	83	22697	6.061	ug/L	#	97
59) Bromoform	12.343	173	7607m	4.183	ug/L		
60) Isopropylbenzene	12.459	105	148792	5.680	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	17563	6.450	ug/L		97
62) 1,3,5-Trimethylbenzene	12.934	105	107559	5.089	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	99178	4.922	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	48159	4.861	ug/L		92
65) 1,4-Dichlorobenzene	13.574	146	49790	5.118	ug/L		97
67) 1,2-Dichlorobenzene	13.867	146	42229	5.064	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.476	75	4793	7.431	ug/L		89
69) 1,3,5-Trichlorobenzene	14.623	180	35171	5.266	ug/L		100
70) 1,2,4-trichlorobenzene	15.129	180	25046	4.800	ug/L		98
71) Naphthalene	15.360	128	54305	5.476	ug/L		98
72) 1,2,3-Trichlorobenzene	15.549	180	21829	4.941	ug/L		97

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

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