Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030250.D
Acq On : 26 Sep 2024 10:30
Operator : SY/MD
Sample : VSTD2.576
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5476

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/27/2024
Supervised By :Semsettin Yesilyurt 09/27/2024

Quant Time: Sep 27 04:07:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 27 04:06:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	176710	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	157578	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	71353	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.363	65	6698	2.809	ug/L		0.00
7) Chloroethane-d5	2.905	69	4768	2.713	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.027	65	3418	2.894	ug/L		0.00
21) 2-Butanone-d5	7.100	46	1916m	3.127	ug/L		0.02
24) Chloroform-d	7.648	84	13715	2.621	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.313	65	6393	2.395	ug/L		0.00
32) Benzene-d6	8.270	84	25445	2.556	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.276	67	7829	2.540	ug/L		0.00
41) Toluene-d8	10.325	98	20993	2.373	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.581	79	2235	1.913	ug/L		0.00
47) 2-Hexanone-d5	10.934	63	988	2.290	ug/L		0.01
56) 1,1,2,2-Tetrachloroeth...	12.690	84	4089	1.942	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	6083	2.450	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.015	85	5225	2.749	ug/L		90
3) Chloromethane	2.216	50	7097	2.614	ug/L		96
5) Vinyl chloride	2.369	62	7989	2.921	ug/L		94
6) Bromomethane	2.796	94	4567	2.753	ug/L		93
8) Chloroethane	2.930	64	4206	2.628	ug/L		88
9) Trichlorofluoromethane	3.265	101	6376	2.638	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	7833m	3.564	ug/L		
12) 1,1-Dichloroethene	4.051	96	6661	2.973	ug/L		78
14) Carbon disulfide	4.393	76	22829	2.824	ug/L		95
15) Methyl Acetate	4.685	43	2057	1.813	ug/L	#	83
16) Methylene chloride	4.917	84	7379	2.726	ug/L		88
17) trans-1,2-Dichloroethene	5.429	96	6656	2.607	ug/L		93
18) Methyl tert-butyl Ether	5.429	73	6632	1.896	ug/L	#	82
19) 1,1-Dichloroethane	6.216	63	14261	2.771	ug/L		91
20) cis-1,2-Dichloroethene	7.173	96	6732	2.462	ug/L		93
22) 2-Butanone	7.185	43	2546m	2.608	ug/L		
23) Bromochloromethane	7.520	128	2788	2.500	ug/L		86
25) Chloroform	7.679	83	13879	2.771	ug/L		96
27) 1,2-Dichloroethane	8.398	62	8287	2.555	ug/L	#	90
29) Cyclohexane	7.959	56	9506	2.371	ug/L		97
30) 1,1,1-Trichloroethane	7.868	97	11586	2.970	ug/L		100
31) Carbon tetrachloride	8.069	117	10249	2.900	ug/L		97
33) Benzene	8.325	78	29223	2.706	ug/L		100
34) Trichloroethene	9.093	95	8153	2.911	ug/L		96
35) Methylcyclohexane	9.337	83	12006	2.726	ug/L		96
37) 1,2-Dichloropropane	9.368	63	7949	2.777	ug/L	#	93
38) Bromodichloromethane	9.648	83	8831	2.649	ug/L	#	98
39) cis-1,3-Dichloropropene	10.075	75	8649	2.128	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	4307	3.051	ug/L	#	95
42) Toluene	10.386	91	28133	2.525	ug/L		95
44) trans-1,3-Dichloropropene	10.605	75	6755	2.046	ug/L		86
45) 1,1,2-Trichloroethane	10.788	97	4207	2.307	ug/L		94

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 27 04:06:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Tetrachloroethene	10.861	164	5616	2.867	ug/L		97
48) 2-Hexanone	10.971	43	2883	2.428	ug/L	#	89
49) Dibromochloromethane	11.123	129	4431	2.264	ug/L		91
50) 1,2-Dibromoethane	11.239	107	3676	2.146	ug/L	#	94
51) Chlorobenzene	11.654	112	18629	2.719	ug/L		100
52) Ethylbenzene	11.727	91	31255	2.482	ug/L		99
53) m,p-Xylene	11.843	106	11429	2.504	ug/L		76
54) o-Xylene	12.166	106	9931	2.317	ug/L		90
55) Styrene	12.178	104	16473	2.283	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.708	83	4329	2.006	ug/L		94
59) Bromoform	12.349	173	2220	2.235	ug/L	#	96
60) Isopropylbenzene	12.458	105	28990	2.660	ug/L		99
61) 1,2,3-Trichloropropane	12.769	75	3016	2.150	ug/L		94
62) 1,3,5-Trimethylbenzene	12.940	105	19206	2.264	ug/L		96
63) 1,2,4-Trimethylbenzene	13.245	105	19091	2.295	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	12913	2.785	ug/L		91
65) 1,4-Dichlorobenzene	13.574	146	13850	2.919	ug/L		95
67) 1,2-Dichlorobenzene	13.867	146	10064	2.492	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.476	75	672m	2.176	ug/L		
69) 1,3,5-Trichlorobenzene	14.623	180	8148	2.691	ug/L		98
70) 1,2,4-trichlorobenzene	15.129	180	5895	2.404	ug/L		96
71) Naphthalene	15.360	128	7154	1.681	ug/L		98
72) 1,2,3-Trichlorobenzene	15.543	180	4541	2.124	ug/L		97

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

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