Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082624\
Data File : VW030022.D
Acq On : 26 Aug 2024 11:14
Operator : SY/MD
Sample : VSTD2.564
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 27 05:26:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Aug 27 05:24:32 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5464

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	330785	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	300550	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	142044	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	14471	2.996	ug/L	0.00
7) Chloroethane-d5	2.893	69	9760	2.845	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	6100	2.955	ug/L	0.00
21) 2-Butanone-d5	7.094	46	4167	4.130	ug/L	0.01
24) Chloroform-d	7.642	84	23398	2.642	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	11662	2.571	ug/L	0.00
32) Benzene-d6	8.270	84	47644	2.724	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	13234	2.549	ug/L	0.00
41) Toluene-d8	10.319	98	41714	2.617	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	4751	2.198	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	2892	3.581	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	8735	2.242	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	13140	2.568	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	8972m	2.293	ug/L	
3) Chloromethane	2.216	50	10112	2.328	ug/L	94
5) Vinyl chloride	2.369	62	12890	2.512	ug/L	94
6) Bromomethane	2.790	94	7886	2.461	ug/L	98
8) Chloroethane	2.930	64	7352	2.456	ug/L	95
9) Trichlorofluoromethane	3.265	101	10027	2.212	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	11266m	2.624	ug/L	
12) 1,1-Dichloroethene	4.045	96	10668	2.562	ug/L	77
13) Acetone	4.137	43	3872m	4.188	ug/L	
14) Carbon disulfide	4.393	76	29447	2.254	ug/L	99
15) Methyl Acetate	4.673	43	3655m	2.064	ug/L	
16) Methylene chloride	4.911	84	16441	2.727	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	11112	2.377	ug/L	90
18) Methyl tert-butyl Ether	5.435	73	15376m	2.125	ug/L	
19) 1,1-Dichloroethane	6.216	63	20962	2.414	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	12352	2.395	ug/L	91
22) 2-Butanone	7.185	43	6053m	4.682	ug/L	
23) Bromochloromethane	7.514	128	5182	2.384	ug/L	95
25) Chloroform	7.673	83	21526	2.433	ug/L	96
27) 1,2-Dichloroethane	8.398	62	13335	2.322	ug/L	98
29) Cyclohexane	7.959	56	16789	2.342	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	17496	2.533	ug/L	97
31) Carbon tetrachloride	8.069	117	15263	2.433	ug/L	99
33) Benzene	8.319	78	46739	2.434	ug/L	100
34) Trichloroethene	9.087	95	12802	2.474	ug/L	91
35) Methylcyclohexane	9.337	83	20335	2.431	ug/L	98
37) 1,2-Dichloropropane	9.368	63	11265	2.306	ug/L #	97
38) Bromodichloromethane	9.642	83	14115	2.305	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	15993	2.120	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	8490	3.396	ug/L	99
42) Toluene	10.386	91	48336	2.374	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	12130	1.979	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Tue Aug 27 05:24:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	8382	2.337	ug/L		95
46) Tetrachloroethene	10.861	164	9998	2.570	ug/L		94
48) 2-Hexanone	10.971	43	6305	3.574	ug/L	#	91
49) Dibromochloromethane	11.123	129	8075	2.122	ug/L		98
50) 1,2-Dibromoethane	11.233	107	7132	2.127	ug/L	#	90
51) Chlorobenzene	11.654	112	32226	2.482	ug/L		97
52) Ethylbenzene	11.727	91	55647	2.415	ug/L		98
53) m,p-Xylene	11.837	106	20252	2.357	ug/L		98
54) o-Xylene	12.166	106	18846	2.274	ug/L		97
55) Styrene	12.178	104	30341	2.177	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.715	83	8571	2.085	ug/L		98
59) Bromoform	12.349	173	4370	2.062	ug/L		95
60) Isopropylbenzene	12.459	105	53798	2.402	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	6200	2.115	ug/L		97
62) 1,3,5-Trimethylbenzene	12.940	105	33200	1.976	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	40320	2.281	ug/L		97
64) 1,3-Dichlorobenzene	13.495	146	23790	2.500	ug/L		94
65) 1,4-Dichlorobenzene	13.574	146	23844	2.446	ug/L		91
67) 1,2-Dichlorobenzene	13.867	146	20984	2.442	ug/L	#	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	1224	1.894	ug/L		94
69) 1,3,5-Trichlorobenzene	14.623	180	16192	2.566	ug/L		93
70) 1,2,4-trichlorobenzene	15.129	180	12698	2.314	ug/L		97
71) Naphthalene	15.360	128	20291	1.908	ug/L		98
72) 1,2,3-Trichlorobenzene	15.549	180	10970	2.266	ug/L		95

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

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