Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030563.D
Acq On : 11 Oct 2024 20:49
Operator : SY/MD
Sample : P4351-03MSD
Misc : 4.66g/10mL/MSVOA_W/SOIL/B
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 14 01:46:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Oct 14 01:34:28 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
EOLG5MSD

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
10/15/2024
Supervised By :Semsettin Yesilyurt
10/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	82409	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.635	117	86362	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	41357	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	21058	16.257	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.040%			
7) Chloroethane-d5	2.893	69	20902	21.317	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.280%			
11) 1,1-Dichloroethene-d2	4.021	65	9373	17.397	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.600%			
21) 2-Butanone-d5	7.087	46	17936	76.941	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 153.880%#			
24) Chloroform-d	7.654	84	62058	26.332	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.320%			
26) 1,2-Dichloroethane-d4	8.307	65	43281	35.317	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 141.280%#			
32) Benzene-d6	8.276	84	104403	20.829	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 83.320%			
36) 1,2-Dichloropropane-d6	9.276	67	39076	26.561	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.240%			
41) Toluene-d8	10.325	98	91755	20.052	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 80.200%			
43) trans-1,3-Dichloroprop...	10.581	79	16408	26.635	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 106.520%			
47) 2-Hexanone-d5	10.928	63	12202	64.394	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.780%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	38377	35.520	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 142.080%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	34678	24.782	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	9669	9.183	ug/L	95
3) Chloromethane	2.222	50	13755	11.240	ug/L	98
5) Vinyl chloride	2.369	62	12538	8.331	ug/L	99
6) Bromomethane	2.796	94	12085	12.201	ug/L	99
8) Chloroethane	2.930	64	11362	12.351	ug/L	93
9) Trichlorofluoromethane	3.271	101	18197	13.514	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	11549	9.533	ug/L #	85
12) 1,1-Dichloroethene	4.045	96	9884	8.940	ug/L #	63
13) Acetone	4.125	43	17022	49.876	ug/L	70
14) Carbon disulfide	4.393	76	30874	8.551	ug/L #	91
15) Methyl Acetate	4.679	43	11026m	26.154	ug/L	
16) Methylene chloride	4.923	84	23242	18.656	ug/L	96
17) trans-1,2-Dichloroethene	5.441	96	14039m	11.767	ug/L	
18) Methyl tert-butyl Ether	5.429	73	59646	35.722	ug/L	98
19) 1,1-Dichloroethane	6.228	63	34565	15.588	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	20453	16.073	ug/L	94
22) 2-Butanone	7.179	43	19542	53.121	ug/L	100
23) Bromochloromethane	7.520	128	12004	21.563	ug/L #	79
25) Chloroform	7.679	83	41350	17.450	ug/L	97

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27) 1,2-Dichloroethane	8.404	62	36978	23.654	ug/L	99
29) Cyclohexane	7.959	56	14426	6.862	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	23839	10.398	ug/L	96
31) Carbon tetrachloride	8.075	117	17656	8.623	ug/L	96
33) Benzene	8.325	78	71541	12.730	ug/L	100
34) Trichloroethene	9.093	95	16187	10.353	ug/L	88
35) Methylcyclohexane	9.337	83	15504	6.301	ug/L	99
37) 1,2-Dichloropropane	9.368	63	24268	17.289	ug/L	100
38) Bromodichloromethane	9.648	83	32604	17.459	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	33253	15.706	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	34714	51.480	ug/L	97
42) Toluene	10.386	91	70664	11.786	ug/L	100
44) trans-1,3-Dichloropropene	10.611	75	30962	17.403	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	22455	22.135	ug/L	95
46) Tetrachloroethene	10.861	164	10488	9.095	ug/L	90
48) 2-Hexanone	10.965	43	28934	52.470	ug/L	89
49) Dibromochloromethane	11.129	129	21334	18.848	ug/L	95
50) 1,2-Dibromoethane	11.239	107	20729	21.899	ug/L	100
51) Chlorobenzene	11.660	112	52365	13.567	ug/L	98
52) Ethylbenzene	11.727	91	68515	10.015	ug/L	100
53) m,p-Xylene	11.837	106	26329	10.272	ug/L	95
54) o-Xylene	12.166	106	28016	11.823	ug/L	100
55) Styrene	12.178	104	51348	12.676	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	27240	23.812	ug/L	98
59) Bromoform	12.349	173	12517	21.542	ug/L	100
60) Isopropylbenzene	12.465	105	58776	9.177	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	19714	24.497	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	48804	9.659	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	50498	10.207	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	36938	13.250	ug/L	93
65) 1,4-Dichlorobenzene	13.580	146	38366	13.328	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	38597	15.734	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	4285	23.880	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	21757	11.835	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	19584	13.233	ug/L	97
71) Naphthalene	15.360	128	40435	15.814	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	19618	15.291	ug/L	97

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

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