Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030052.D
Acq On : 27 Aug 2024 18:21
Operator : SY/MD
Sample : P3673-21MS
Misc : 6.07g/10mL/MSVOA_W/SOIL/B
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ4MS

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024

Quant Time: Aug 28 01:18:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 28 01:11:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	332882	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	285011	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	119613	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	83844	16.925	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.720%			
7) Chloroethane-d5	2.899	69	60260	17.140	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.560%			
11) 1,1-Dichloroethene-d2	4.021	65	37765	17.844	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.360%			
21) 2-Butanone-d5	7.081	46	43550	44.102	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.200%			
24) Chloroform-d	7.648	84	167821	18.695	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 74.760%			
26) 1,2-Dichloroethane-d4	8.307	65	89721	19.683	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 78.720%			
32) Benzene-d6	8.276	84	332559	19.768	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 79.080%			
36) 1,2-Dichloropropane-d6	9.276	67	103563	21.011	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 84.040%			
41) Toluene-d8	10.319	98	298155	19.471	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 77.880%			
43) trans-1,3-Dichloroprop...	10.575	79	41673	20.554	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.200%			
47) 2-Hexanone-d5	10.922	63	39292	52.086	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.180%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	79920	22.023	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.080%			
66) 1,2-Dichlorobenzene-d4	13.848	152	75232	17.389	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 69.560%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	55719	14.553	ug/L	100
3) Chloromethane	2.229	50	70160	15.764	ug/L	98
5) Vinyl chloride	2.375	62	73212	13.917	ug/L	97
6) Bromomethane	2.789	94	45633	13.958	ug/L	99
8) Chloroethane	2.936	64	44423	14.654	ug/L	97
9) Trichlorofluoromethane	3.265	101	64954	14.258	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	59687	13.695	ug/L	98
12) 1,1-Dichloroethene	4.039	96	62309m	14.603	ug/L	
13) Acetone	4.137	43	32405	35.878	ug/L	99
14) Carbon disulfide	4.393	76	200705	15.163	ug/L	98
15) Methyl Acetate	4.679	43	28641	16.264	ug/L	96
16) Methylene chloride	4.923	84	80479	14.635	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	68262	14.466	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	110968	15.377	ug/L	98
19) 1,1-Dichloroethane	6.216	63	133210	15.191	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	73792	14.148	ug/L	95
22) 2-Butanone	7.179	43	38289	29.625	ug/L	97
23) Bromochloromethane	7.514	128	32737	14.798	ug/L	98
25) Chloroform	7.679	83	131683	14.681	ug/L	100

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	88335	15.386	ug/L	98
29) Cyclohexane	7.959	56	103094	14.980	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	103107	15.445	ug/L	99
31) Carbon tetrachloride	8.069	117	89467	14.917	ug/L	99
33) Benzene	8.325	78	287320	15.734	ug/L	100
34) Trichloroethene	9.093	95	74232	15.097	ug/L	95
35) Methylcyclohexane	9.331	83	106807	13.263	ug/L	97
37) 1,2-Dichloropropane	9.368	63	75550	16.338	ug/L	99
38) Bromodichloromethane	9.642	83	92975	15.935	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	113535	15.952	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	94164	40.909	ug/L	97
42) Toluene	10.386	91	300132	15.434	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	93328	16.205	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	55327	16.324	ug/L	96
46) Tetrachloroethene	10.861	164	51763	13.870	ug/L	94
48) 2-Hexanone	10.965	43	65781	40.200	ug/L	95
49) Dibromochloromethane	11.129	129	58300	16.189	ug/L	96
50) 1,2-Dibromoethane	11.233	107	52128	16.465	ug/L	96
51) Chlorobenzene	11.654	112	177902	14.308	ug/L	92
52) Ethylbenzene	11.727	91	324076	14.708	ug/L	99
53) m,p-Xylene	11.837	106	118702	14.436	ug/L	94
54) o-Xylene	12.160	106	111298	14.102	ug/L	99
55) Styrene	12.178	104	187363	14.169	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	66193	17.343	ug/L	100
59) Bromoform	12.349	173	32219	18.088	ug/L	97
60) Isopropylbenzene	12.458	105	292708	15.339	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	47892	19.692	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	216653	15.269	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	211791	14.161	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	106696	13.115	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	111557	13.574	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	101799	13.988	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	10126	19.450	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	52235	9.835	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	43964	9.564	ug/L	98
71) Naphthalene	15.360	128	119742	13.641	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	40814	10.115	ug/L	97

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

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