Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024362.D
Acq On : 26 Aug 2022 20:19
Operator : SY/VA
Sample : N4345-12MSD
Misc : 5.12g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVT0MSD

Quant Time: Aug 27 00:44:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 27 00:35:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	193738	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	214235	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	135103	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	177173	33.175	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 132.720%			
7) Chloroethane-d5	2.873	69	124731	31.172	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 124.680%			
11) 1,1-Dichloroethene-d2	4.013	63	114850	24.796	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.200%			
21) 2-Butanone-d5	7.080	46	55585	56.508	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.020%			
24) Chloroform-d	7.647	84	162931	26.159	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.640%			
26) 1,2-Dichloroethane-d4	8.305	65	102144	27.042	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.160%			
32) Benzene-d6	8.275	84	293624	23.921	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.680%			
36) 1,2-Dichloropropane-d6	9.274	67	93294	24.439	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.760%			
41) Toluene-d8	10.323	98	289415	24.799	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.200%			
43) trans-1,3-Dichloroprop...	10.573	79	45126	25.261	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.040%			
47) 2-Hexanone-d5	10.927	63	50338	58.926	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.860%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	129460	29.954	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 119.800%			
66) 1,2-Dichlorobenzene-d4	13.853	152	135538	26.641	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	49227	25.369	ug/L	100
3) Chloromethane	2.215	50	86896	23.969	ug/L	97
5) Vinyl chloride	2.349	62	180330	28.454	ug/L	99
6) Bromomethane	2.763	94	106840	24.017	ug/L	99
8) Chloroethane	2.910	64	85901	25.947	ug/L	100
9) Trichlorofluoromethane	3.239	101	56317	18.897	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	59611	20.854	ug/L	97
12) 1,1-Dichloroethene	4.031	96	52159	22.539	ug/L	90
13) Acetone	4.129	43	26203	44.637	ug/L	74
14) Carbon disulfide	4.373	76	165292	21.492	ug/L	98
15) Methyl Acetate	4.672	43	31541	21.963	ug/L	94
16) Methylene chloride	4.915	84	66898	20.589	ug/L	92
17) trans-1,2-Dichloroethene	5.421	96	59150	21.594	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	102492	22.852	ug/L	97
19) 1,1-Dichloroethane	6.208	63	110313	21.298	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	72503	24.070	ug/L	92
22) 2-Butanone	7.171	43	46747	44.634	ug/L	97
23) Bromochloromethane	7.513	128	31854	21.657	ug/L	94
25) Chloroform	7.671	83	123848	21.551	ug/L	94

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Quant Title : SFAM01.0
QLast Update : Sat Aug 27 00:35:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	95522	22.835	ug/L	99
29) Cyclohexane	7.951	56	94854	20.537	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	96710	19.147	ug/L	99
31) Carbon tetrachloride	8.067	117	85113	18.420	ug/L	98
33) Benzene	8.317	78	277621	20.814	ug/L	100
34) Trichloroethene	9.091	95	67100	19.087	ug/L	97
35) Methylcyclohexane	9.335	83	111568	19.780	ug/L	100
37) 1,2-Dichloropropane	9.366	63	69028	20.053	ug/L	98
38) Bromodichloromethane	9.646	83	93904	20.032	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	96919	20.142	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	111514	45.559	ug/L	98
42) Toluene	10.384	91	325841	22.136	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	97294	20.809	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	56379	20.085	ug/L	95
46) Tetrachloroethene	10.859	164	344009	125.998	ug/L	96
48) 2-Hexanone	10.963	43	85173	47.175	ug/L	98
49) Dibromochloromethane	11.128	129	71274	21.468	ug/L	100
50) 1,2-Dibromoethane	11.231	107	57758	21.403	ug/L	94
51) Chlorobenzene	11.658	112	213569	21.616	ug/L	96
52) Ethylbenzene	11.731	91	377227	23.179	ug/L	97
53) m,p-Xylene	11.835	106	154727	24.209	ug/L	93
54) o-Xylene	12.164	106	147381	24.667	ug/L	99
55) Styrene	12.182	104	275721	26.107	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	91307	23.304	ug/L	96
59) Bromoform	12.347	173	44934	20.725	ug/L	97
60) Isopropylbenzene	12.463	105	418528	23.324	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	65146	21.323	ug/L	95
62) 1,3,5-Trimethylbenzene	12.938	105	334983	23.152	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	343916	24.471	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	172226	20.074	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	186058	20.541	ug/L	89
67) 1,2-Dichlorobenzene	13.865	146	180820	22.484	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	15427	20.098	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	106409	19.216	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	80084	18.604	ug/L	98
71) Naphthalene	15.365	128	193459	20.463	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	77828	19.130	ug/L	100

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

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