Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024401.D
Acq On : 27 Aug 2022 15:18
Operator : SY/VA
Sample : N4346-10MSD
Misc : 5.85g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 29 01:48:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Aug 29 01:46:03 2022
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DBVU8MSD

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt
08/30/2022
Supervised By :Mahesh Dadoda
08/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	176603	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	167491	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	83397	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	95714	19.661	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.640%			
7) Chloroethane-d5	2.873	69	55279	15.155	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 60.640%			
11) 1,1-Dichloroethene-d2	4.001	63	63832	15.119	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 60.480%			
21) 2-Butanone-d5	7.086	46	34128m	38.061	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.120%			
24) Chloroform-d	7.647	84	108000	19.022	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 76.080%			
26) 1,2-Dichloroethane-d4	8.305	65	78594	22.826	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.320%			
32) Benzene-d6	8.275	84	237970	24.798	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.200%			
36) 1,2-Dichloropropane-d6	9.275	67	76952	25.784	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.120%			
41) Toluene-d8	10.323	98	222706	24.408	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.640%			
43) trans-1,3-Dichloroprop...	10.579	79	32326	23.146	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.600%			
47) 2-Hexanone-d5	10.921	63	40568	60.743	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.480%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	89365	26.448	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.800%			
66) 1,2-Dichlorobenzene-d4	13.847	152	76939	24.499	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	4282m	2.421	ug/L	
3) Chloromethane	2.209	50	38156	11.546	ug/L	96
5) Vinyl chloride	2.349	62	103328	17.886	ug/L	100
6) Bromomethane	2.763	94	50081	12.350	ug/L	98
8) Chloroethane	2.910	64	38916	12.895	ug/L	99
9) Trichlorofluoromethane	3.245	101	66112	24.336	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	32573	12.501	ug/L #	70
12) 1,1-Dichloroethene	4.019	96	28318	13.424	ug/L #	73
13) Acetone	4.123	43	17317	32.362	ug/L	92
14) Carbon disulfide	4.367	76	89797	12.809	ug/L	99
15) Methyl Acetate	4.672	43	17929m	13.696	ug/L	
16) Methylene chloride	4.903	84	36803	12.426	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	31382	12.568	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	58176	14.230	ug/L	99
19) 1,1-Dichloroethane	6.208	63	59063	12.509	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	37618	13.700	ug/L	98
22) 2-Butanone	7.177	43	30117	31.546	ug/L	76
23) Bromochloromethane	7.513	128	20733	15.464	ug/L	94
25) Chloroform	7.671	83	86992	16.606	ug/L	95

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	73871	19.373 ug/L	97
29) Cyclohexane	7.952	56	66912	18.530 ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	78263	19.819 ug/L	99
31) Carbon tetrachloride	8.061	117	68427	18.941 ug/L	100
33) Benzene	8.317	78	229084	21.968 ug/L	100
34) Trichloroethene	9.092	95	61235	22.280 ug/L	97
35) Methylcyclohexane	9.329	83	83095	18.844 ug/L	100
37) 1,2-Dichloropropane	9.366	63	56893	21.141 ug/L #	97
38) Bromodichloromethane	9.640	83	78277	21.359 ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	78541	20.878 ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	88204	46.092 ug/L	99
42) Toluene	10.384	91	247135	21.474 ug/L	91
44) trans-1,3-Dichloropropene	10.604	75	71087	19.447 ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	48295	22.007 ug/L	92
46) Tetrachloroethene	10.860	164	411005	192.549 ug/L	92
48) 2-Hexanone	10.969	43	64591	45.760 ug/L	97
49) Dibromochloromethane	11.128	129	53434	20.586 ug/L	98
50) 1,2-Dibromoethane	11.231	107	47953	22.728 ug/L #	94
51) Chlorobenzene	11.652	112	160605	20.792 ug/L	97
52) Ethylbenzene	11.725	91	266753	20.966 ug/L	98
53) m,p-Xylene	11.835	106	103478	20.709 ug/L	100
54) o-Xylene	12.164	106	96787	20.720 ug/L	93
55) Styrene	12.176	104	176321	21.354 ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	65038	21.232 ug/L	98
59) Bromoform	12.347	173	30106	22.495 ug/L	96
60) Isopropylbenzene	12.463	105	258696	23.355 ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	46483	24.647 ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	196399	21.990 ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	194282	22.395 ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	108412	20.471 ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	113462	20.293 ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	104323	21.015 ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	9681	20.432 ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	52774	15.439 ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	42233	15.894 ug/L	96
71) Naphthalene	15.359	128	107960	18.500 ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	38738	15.425 ug/L	98

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

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