Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100224\
Data File : VW030360.D
Acq On : 03 Oct 2024 06:27
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

Quant Time: Oct 03 07:08:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 03 05:10:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	169302	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	159442	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	80898	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	41660	31.490	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 125.960%			
7) Chloroethane-d5	2.905	69	32799	34.074	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 136.280%			
11) 1,1-Dichloroethene-d2	4.021	65	25439	26.342	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 105.360%			
21) 2-Butanone-d5	7.075	46	32676	61.418	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 122.840%			
24) Chloroform-d	7.654	84	122068	26.838	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.360%			
26) 1,2-Dichloroethane-d4	8.306	65	65861	27.742	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.960%			
32) Benzene-d6	8.276	84	233929	26.177	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.720%			
36) 1,2-Dichloropropane-d6	9.276	67	72332	26.912	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.640%			
41) Toluene-d8	10.324	98	213336	26.035	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.120%			
43) trans-1,3-Dichloroprop...	10.580	79	27622	24.708	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.840%			
47) 2-Hexanone-d5	10.922	63	26700	60.159	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.320%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	56981	28.372	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.480%			
66) 1,2-Dichlorobenzene-d4	13.854	152	66212	24.652	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	45871	24.788	ug/L	100
3) Chloromethane	2.222	50	45836	31.618	ug/L	97
5) Vinyl chloride	2.381	62	50919	33.040	ug/L	97
6) Bromomethane	2.795	94	31254	30.470	ug/L	97
8) Chloroethane	2.935	64	29006	34.498	ug/L	92
9) Trichlorofluoromethane	3.265	101	55109	27.759	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	52800	26.695	ug/L #	84
12) 1,1-Dichloroethene	4.051	96	51530	26.198	ug/L	92
13) Acetone	4.124	43	23484	41.611	ug/L	98
14) Carbon disulfide	4.392	76	166907	25.517	ug/L	99
15) Methyl Acetate	4.679	43	27466	29.838	ug/L	97
16) Methylene chloride	4.923	84	59017	22.649	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	57878	25.348	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	98351	27.081	ug/L	99
19) 1,1-Dichloroethane	6.221	63	118516	27.256	ug/L	99
20) cis-1,2-Dichloroethene	7.172	96	64546	25.586	ug/L	97
22) 2-Butanone	7.172	43	35527	49.243	ug/L	96
23) Bromochloromethane	7.520	128	27073	24.582	ug/L	94
25) Chloroform	7.684	83	118491	26.275	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Thu Oct 03 05:10:23 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	80374	26.874	ug/L	100
29) Cyclohexane	7.959	56	94940	27.012	ug/L	99
30) 1,1,1-Trichloroethane	7.873	97	98724	26.729	ug/L	99
31) Carbon tetrachloride	8.075	117	87588	26.534	ug/L	98
33) Benzene	8.325	78	254470	26.203	ug/L	100
34) Trichloroethene	9.093	95	65515	25.362	ug/L	94
35) Methylcyclohexane	9.337	83	108322	27.325	ug/L	97
37) 1,2-Dichloropropane	9.367	63	68672	26.801	ug/L	99
38) Bromodichloromethane	9.648	83	85011	26.426	ug/L	97
39) cis-1,3-Dichloropropene	10.074	75	97483	24.812	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	76923	58.367	ug/L	98
42) Toluene	10.385	91	276348	26.581	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	82258	25.267	ug/L	94
45) 1,1,2-Trichloroethane	10.788	97	48243	26.717	ug/L	95
46) Tetrachloroethene	10.861	164	48528	25.116	ug/L	91
48) 2-Hexanone	10.964	43	54280	55.932	ug/L	98
49) Dibromochloromethane	11.129	129	53008	26.086	ug/L	98
50) 1,2-Dibromoethane	11.233	107	45166	26.435	ug/L	96
51) Chlorobenzene	11.653	112	167829	24.980	ug/L	95
52) Ethylbenzene	11.726	91	310865	26.394	ug/L	99
53) m,p-Xylene	11.836	106	115546	26.280	ug/L	97
54) o-Xylene	12.165	106	110974	26.519	ug/L	96
55) Styrene	12.178	104	186696	26.152	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	57245	27.069	ug/L	98
59) Bromoform	12.348	173	29251	24.958	ug/L	97
60) Isopropylbenzene	12.464	105	304563	26.524	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	41279	26.841	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	244384	26.313	ug/L	100
63) 1,2,4-Trimethylbenzene	13.244	105	243450	26.530	ug/L	98
64) 1,3-Dichlorobenzene	13.494	146	129587	25.253	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	129513	24.706	ug/L	95
67) 1,2-Dichlorobenzene	13.866	146	113333	24.774	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.482	75	9294	26.376	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	81945	23.137	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	65458	22.323	ug/L	98
71) Naphthalene	15.360	128	137392	25.616	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	62657	24.411	ug/L	99

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

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