Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060624\
Data File : VW029033.D
Acq On : 06 Jun 2024 13:06
Operator : SY/MD
Sample : P2696-10MSD
Misc : 4.81g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4BN7MSD

Quant Time: Jun 07 00:24:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 07 00:21:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	392491	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	264653	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	73648	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	159799	25.628	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.520%			
7) Chloroethane-d5	2.899	69	129540	27.055	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.200%			
11) 1,1-Dichloroethene-d2	4.021	65	67947	24.793	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.160%			
21) 2-Butanone-d5	7.081	46	77453	60.797	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.600%			
24) Chloroform-d	7.648	84	289094	25.818	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.280%			
26) 1,2-Dichloroethane-d4	8.307	65	164724	27.943	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.760%			
32) Benzene-d6	8.276	84	559871	34.467	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 137.880%#			
36) 1,2-Dichloropropane-d6	9.270	67	174700	35.472	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 141.880%#			
41) Toluene-d8	10.318	98	429125	29.604	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 118.400%			
43) trans-1,3-Dichloroprop...	10.575	79	53151	28.085	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 112.360%			
47) 2-Hexanone-d5	10.922	63	52569	80.884	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 161.760%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103650	30.294	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 121.160%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	58921	22.545	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	86896	19.388	ug/L	100
3) Chloromethane	2.228	50	131610	24.036	ug/L	99
5) Vinyl chloride	2.375	62	151168	22.808	ug/L	100
6) Bromomethane	2.789	94	77719	19.571	ug/L	97
8) Chloroethane	2.936	64	92555	23.123	ug/L	97
9) Trichlorofluoromethane	3.271	101	117816	21.384	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	101199	18.616	ug/L	92
12) 1,1-Dichloroethene	4.045	96	111673	22.509	ug/L	94
13) Acetone	4.124	43	47787	35.794	ug/L	99
14) Carbon disulfide	4.393	76	316140	18.822	ug/L	98
15) Methyl Acetate	4.673	43	51470	23.212	ug/L	99
16) Methylene chloride	4.923	84	136261	23.132	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	120448	22.267	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	214217	28.400	ug/L	99
19) 1,1-Dichloroethane	6.216	63	255578	24.033	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	132292	23.329	ug/L	98
22) 2-Butanone	7.167	43	86684	53.883	ug/L	98
23) Bromochloromethane	7.514	128	59172	23.904	ug/L	96
25) Chloroform	7.679	83	241158	23.348	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	172399	24.907	ug/L	100
29) Cyclohexane	7.959	56	135738	20.628	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	175970	28.697	ug/L	100
31) Carbon tetrachloride	8.075	117	140398	25.137	ug/L	97
33) Benzene	8.325	78	510575	31.027	ug/L	100
34) Trichloroethene	9.093	95	114865	26.550	ug/L	92
35) Methylcyclohexane	9.337	83	102813	14.009	ug/L	99
37) 1,2-Dichloropropane	9.367	63	136857	31.758	ug/L	100
38) Bromodichloromethane	9.642	83	153468	29.201	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	155080	24.763	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	193066	88.082	ug/L	98
42) Toluene	10.386	91	443711	26.394	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	130909	25.928	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	92345	31.729	ug/L	95
46) Tetrachloroethene	10.861	164	65546	19.941	ug/L	92
48) 2-Hexanone	10.965	43	140426	85.449	ug/L	94
49) Dibromochloromethane	11.129	129	88829	28.897	ug/L	99
50) 1,2-Dibromoethane	11.233	107	81565	30.700	ug/L	94
51) Chlorobenzene	11.654	112	232867	21.564	ug/L	93
52) Ethylbenzene	11.727	91	409719	21.451	ug/L	96
53) m,p-Xylene	11.836	106	145434	20.557	ug/L	92
54) o-Xylene	12.160	106	139322	21.268	ug/L	95
55) Styrene	12.178	104	216623	19.180	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	89300	27.180	ug/L	98
59) Bromoform	12.349	173	42257	44.621	ug/L	100
60) Isopropylbenzene	12.458	105	307404	29.493	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	74426	53.574	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	192368	25.376	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	200913	25.078	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	94377	21.070	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	95382	20.389	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	81744	20.362	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	12466	42.101	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	35867	11.663	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	22109	8.870	ug/L	100
71) Naphthalene	15.360	128	52495	12.361	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	16704	7.844	ug/L	100

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

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