Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092622\
Data File : VW024634.D
Acq On : 26 Sep 2022 10:43
Operator : SY/VA
Sample : VSTD02549
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025449

Quant Time: Sep 27 00:50:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Sep 27 00:48:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	622695	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	545916	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	264175	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	178095	27.336	ug/L	0.00
7) Chloroethane-d5	2.891	69	105824	27.952	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	405596	26.898	ug/L	0.00
21) 2-Butanone-d5	7.080	46	112830	48.513	ug/L	0.00
24) Chloroform-d	7.653	84	423043	25.413	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	214059	24.788	ug/L	0.00
32) Benzene-d6	8.275	84	885239	25.370	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	263963	24.759	ug/L	0.00
41) Toluene-d8	10.323	98	787576	25.254	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	117537	24.757	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	90135	49.414	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	188775	24.851	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	232847	25.048	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	101208	27.386	ug/L	100
3) Chloromethane	2.215	50	186056	24.991	ug/L	100
5) Vinyl chloride	2.367	62	222009	29.003	ug/L	100
6) Bromomethane	2.782	94	100295	28.390	ug/L	100
8) Chloroethane	2.928	64	93291	28.907	ug/L	100
9) Trichlorofluoromethane	3.263	101	117833	27.516	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	220923	27.048	ug/L	100
12) 1,1-Dichloroethene	4.044	96	221643	27.073	ug/L	100
13) Acetone	4.129	43	78470	45.786	ug/L	100
14) Carbon disulfide	4.391	76	695670	27.052	ug/L	100
15) Methyl Acetate	4.672	43	101376	26.359	ug/L	100
16) Methylene chloride	4.921	84	254566	20.816	ug/L	100
17) trans-1,2-Dichloroethene	5.427	96	247585	27.092	ug/L	100
18) Methyl tert-butyl Ether	5.427	73	381050	26.280	ug/L	100
19) 1,1-Dichloroethane	6.220	63	454663	26.551	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	261633	26.647	ug/L	100
22) 2-Butanone	7.171	43	134482	49.154	ug/L	100
23) Bromochloromethane	7.519	128	104959	26.296	ug/L	100
25) Chloroform	7.677	83	437158	26.922	ug/L	100
27) 1,2-Dichloroethane	8.403	62	269247	26.351	ug/L	100
29) Cyclohexane	7.957	56	467713	27.491	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	357222	27.042	ug/L	100
31) Carbon tetrachloride	8.073	117	306283	27.379	ug/L	100
33) Benzene	8.323	78	1018907	26.666	ug/L	100
34) Trichloroethene	9.091	95	260923	26.942	ug/L	100
35) Methylcyclohexane	9.335	83	494540	27.857	ug/L	100
37) 1,2-Dichloropropane	9.366	63	253618	26.887	ug/L	100
38) Bromodichloromethane	9.646	83	309074	26.637	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	401153	26.893	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	290683	52.062	ug/L	100
42) Toluene	10.390	91	1062949	26.939	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	343943	26.894	ug/L	100

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	171159	26.565	ug/L	100
46) Tetrachloroethene	10.859	164	182760	27.775	ug/L	100
48) 2-Hexanone	10.969	43	196658	52.088	ug/L	100
49) Dibromochloromethane	11.128	129	193036	26.606	ug/L	100
50) 1,2-Dibromoethane	11.237	107	160588	26.332	ug/L	100
51) Chlorobenzene	11.658	112	656646	27.180	ug/L	100
52) Ethylbenzene	11.731	91	1181666	27.189	ug/L	100
53) m,p-Xylene	11.835	106	460847	27.154	ug/L	100
54) o-Xylene	12.164	106	435331	27.163	ug/L	100
55) Styrene	12.176	104	738537	27.335	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	197615	26.195	ug/L	100
59) Bromoform	12.347	173	99478	26.640	ug/L	100
60) Isopropylbenzene	12.463	105	1155298	26.832	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	147536	25.926	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	1022155	27.314	ug/L	100
63) 1,2,4-Trimethylbenzene	13.243	105	1000863	27.300	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	461455	26.381	ug/L	100
65) 1,4-Dichlorobenzene	13.572	146	466819	27.415	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	406646	26.690	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	34390	25.555	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	318535	27.426	ug/L	100
70) 1,2,4-trichlorobenzene	15.133	180	261327	26.783	ug/L	100
71) Naphthalene	15.359	128	560344	26.375	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	217955	26.247	ug/L	100

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

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