Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103122\
Data File : VY011199.D
Acq On : 31 Oct 2022 16:03
Operator : KP/MD
Sample : VY1031SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 01 02:44:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 28 23:42:14 2022
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

Manual Integrations APPROVED
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.783	168	226468	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.691	114	372389	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.489	117	339553	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167633	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.136	65	119972	51.232	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.460%				
35) Dibromofluoromethane	7.710	113	117572	51.340	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.680%				
50) Toluene-d8	10.179	98	463403	51.078	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.160%				
62) 4-Bromofluorobenzene	12.477	95	159788	53.827	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.660%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.900	85	23844	19.573	ug/l		96
3) Chloromethane	2.113	50	30636	18.618	ug/l		98
4) Vinyl Chloride	2.247	62	36668	18.841	ug/l		97
5) Bromomethane	2.637	94	25227	18.938	ug/l		99
6) Chloroethane	2.784	64	25791	19.164	ug/l		99
7) Trichlorofluoromethane	3.119	101	64102	20.026	ug/l		95
8) Diethyl Ether	3.527	74	23257	20.169	ug/l		85
9) 1,1,2-Trichlorotrifluo...	3.893	101	41500	20.529	ug/l		94
10) Methyl Iodide	4.088	142	39934	18.032	ug/l		91
11) Tert butyl alcohol	4.948	59	29384	127.598	ug/l		99
12) 1,1-Dichloroethene	3.869	96	36628	20.133	ug/l		82
13) Acrolein	3.729	56	18990	123.384	ug/l		100
14) Allyl chloride	4.478	41	58761	20.802	ug/l	#	85
15) Acrylonitrile	5.161	53	66345	104.268	ug/l		97
16) Acetone	3.942	43	60958	106.392	ug/l	#	85
17) Carbon Disulfide	4.192	76	84228	18.100	ug/l		99
18) Methyl Acetate	4.478	43	38570	24.282	ug/l	#	89
19) Methyl tert-butyl Ether	5.222	73	111167	20.702	ug/l		98
20) Methylene Chloride	4.710	84	76033	29.364	ug/l		85
21) trans-1,2-Dichloroethene	5.216	96	40973	19.643	ug/l		88
22) Diisopropyl ether	6.112	45	141987	21.863	ug/l		94
23) Vinyl Acetate	6.057	43	382483	103.592	ug/l	#	93
24) 1,1-Dichloroethane	6.009	63	83508	20.812	ug/l		99
25) 2-Butanone	6.984	43	86057	104.781	ug/l	#	87
26) 2,2-Dichloropropane	6.978	77	75089	20.940	ug/l		96
27) cis-1,2-Dichloroethene	6.978	96	51230	20.272	ug/l		89
28) Bromochloromethane	7.332	49	36741	20.054	ug/l		90
29) Tetrahydrofuran	7.344	42	51840	105.938	ug/l		88
30) Chloroform	7.502	83	88078	20.909	ug/l		99
31) Cyclohexane	7.783	56	64512	20.059	ug/l	#	86
32) 1,1,1-Trichloroethane	7.697	97	74298	20.730	ug/l		96
36) 1,1-Dichloropropene	7.917	75	60043	20.112	ug/l		99
37) Ethyl Acetate	7.069	43	34885	20.652	ug/l	#	92
38) Carbon Tetrachloride	7.899	117	66298	20.388	ug/l		99
39) Methylcyclohexane	9.179	83	65589	19.689	ug/l		95
40) Benzene	8.155	78	182488	20.417	ug/l		97

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41) Methacrylonitrile	7.313	41	19386m	21.961	ug/l		
42) 1,2-Dichloroethane	8.234	62	53124	20.890	ug/l		92
43) Isopropyl Acetate	8.270	43	62645	20.799	ug/l	#	89
44) Trichloroethene	8.935	130	47282	19.682	ug/l		93
45) 1,2-Dichloropropane	9.215	63	48749	20.720	ug/l		97
46) Dibromomethane	9.301	93	26364	20.045	ug/l		94
47) Bromodichloromethane	9.496	83	67308	20.709	ug/l		100
48) Methyl methacrylate	9.289	41	27188	20.251	ug/l	#	79
49) 1,4-Dioxane	9.295	88	7567	416.849	ug/l	#	90
51) 4-Methyl-2-Pentanone	10.069	43	183759	108.207	ug/l	#	88
52) Toluene	10.240	92	115951	20.725	ug/l		96
53) t-1,3-Dichloropropene	10.465	75	66649	20.452	ug/l		98
54) cis-1,3-Dichloropropene	9.929	75	76091	20.600	ug/l	#	81
55) 1,1,2-Trichloroethane	10.642	97	41043	20.966	ug/l		97
56) Ethyl methacrylate	10.508	69	51591	20.941	ug/l	#	76
57) 1,3-Dichloropropane	10.788	76	68547	20.978	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.782	63	79498	84.730	ug/l		98
59) 2-Hexanone	10.831	43	126314	107.775	ug/l		86
60) Dibromochloromethane	10.983	129	48122	20.789	ug/l		100
61) 1,2-Dibromoethane	11.087	107	36788	20.703	ug/l		99
64) Tetrachloroethene	10.715	164	46550	19.869	ug/l		98
65) Chlorobenzene	11.514	112	126175	20.180	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.587	131	49845	20.546	ug/l		97
67) Ethyl Benzene	11.593	91	220247	20.164	ug/l		98
68) m/p-Xylenes	11.703	106	170883	41.049	ug/l		96
69) o-Xylene	12.026	106	80672	20.318	ug/l		94
70) Styrene	12.044	104	142120	20.945	ug/l		96
71) Bromoform	12.203	173	30657	20.623	ug/l	#	98
73) Isopropylbenzene	12.325	105	220623	20.157	ug/l		99
74) N-amyl acetate	12.142	43	55830	20.780	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	48959	20.503	ug/l		99
76) 1,2,3-Trichloropropane	12.629	75	34982m	20.072	ug/l		
77) Bromobenzene	12.605	156	50650	19.676	ug/l		96
78) n-propylbenzene	12.672	91	273025	20.513	ug/l		99
79) 2-Chlorotoluene	12.751	91	154645	20.314	ug/l		100
80) 1,3,5-Trimethylbenzene	12.812	105	189203	20.517	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.373	75	16628	20.262	ug/l		86
82) 4-Chlorotoluene	12.855	91	162065	20.522	ug/l		99
83) tert-Butylbenzene	13.074	119	163138	20.266	ug/l		94
84) 1,2,4-Trimethylbenzene	13.117	105	188074	20.719	ug/l		100
85) sec-Butylbenzene	13.251	105	246878	20.511	ug/l		99
86) p-Isopropyltoluene	13.367	119	201382	20.366	ug/l		98
87) 1,3-Dichlorobenzene	13.361	146	104315	19.961	ug/l		98
88) 1,4-Dichlorobenzene	13.440	146	102567	19.618	ug/l		98
89) n-Butylbenzene	13.696	91	190464	20.622	ug/l		99
90) Hexachloroethane	13.958	117	42380	20.517	ug/l		86
91) 1,2-Dichlorobenzene	13.733	146	93647	19.920	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8191	21.308	ug/l		91
93) 1,2,4-Trichlorobenzene	15.007	180	52406	19.479	ug/l		99
94) Hexachlorobutadiene	15.111	225	32801	20.189	ug/l		98
95) Naphthalene	15.233	128	101928	19.807	ug/l		99
96) 1,2,3-Trichlorobenzene	15.422	180	45335	19.358	ug/l		97

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

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