Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
Data File : VY011155.D
Acq On : 28 Oct 2022 14:17
Operator : KP/MD
Sample : VY1028SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

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

Quant Time: Oct 28 23:45:02 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.789	168	280990	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.685	114	458327	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.489	117	412452	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	199881	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.136	65	143105	49.253	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.500%				
35) Dibromofluoromethane	7.716	113	141266	50.120	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.240%				
50) Toluene-d8	10.179	98	567906	50.860	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.720%				
62) 4-Bromofluorobenzene	12.477	95	188845	51.687	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.380%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.900	85	29849	19.778	ug/l		95
3) Chloromethane	2.113	50	41314	20.612	ug/l		100
4) Vinyl Chloride	2.247	62	47311	19.740	ug/l		97
5) Bromomethane	2.637	94	34628	21.432	ug/l		96
6) Chloroethane	2.790	64	33374	20.121	ug/l		99
7) Trichlorofluoromethane	3.119	101	79124	19.922	ug/l		92
8) Diethyl Ether	3.527	74	29319	20.493	ug/l		81
9) 1,1,2-Trichlorotrifluo...	3.893	101	49418	19.703	ug/l		94
10) Methyl Iodide	4.088	142	51074	18.587	ug/l		92
11) Tert butyl alcohol	4.948	59	36391	127.355	ug/l		97
12) 1,1-Dichloroethene	3.869	96	46013	20.384	ug/l		81
13) Acrolein	3.723	56	22430	116.972	ug/l		99
14) Allyl chloride	4.472	41	71614	20.432	ug/l	#	85
15) Acrylonitrile	5.161	53	76809	97.290	ug/l		97
16) Acetone	3.942	43	67959	95.597	ug/l	#	86
17) Carbon Disulfide	4.192	76	119278	21.359	ug/l		98
18) Methyl Acetate	4.472	43	42932	21.552	ug/l	#	88
19) Methyl tert-butyl Ether	5.216	73	131772	19.777	ug/l		98
20) Methylene Chloride	4.710	84	72171	20.629	ug/l	#	83
21) trans-1,2-Dichloroethene	5.216	96	51997	20.091	ug/l		88
22) Diisopropyl ether	6.112	45	164292	20.389	ug/l		94
23) Vinyl Acetate	6.057	43	459411	100.284	ug/l	#	90
24) 1,1-Dichloroethane	6.015	63	99701	20.026	ug/l		99
25) 2-Butanone	6.984	43	100470	98.594	ug/l	#	88
26) 2,2-Dichloropropane	6.978	77	90158	20.264	ug/l		95
27) cis-1,2-Dichloroethene	6.978	96	62548	19.948	ug/l		90
28) Bromochloromethane	7.332	49	44063	19.383	ug/l		87
29) Tetrahydrofuran	7.344	42	60052	98.908	ug/l	#	85
30) Chloroform	7.502	83	101461	19.412	ug/l		100
31) Cyclohexane	7.783	56	82189	20.691	ug/l	#	87
32) 1,1,1-Trichloroethane	7.697	97	89369	20.096	ug/l		96
36) 1,1-Dichloropropene	7.917	75	74542	20.287	ug/l		98
37) Ethyl Acetate	7.069	43	41409	19.918	ug/l	#	92
38) Carbon Tetrachloride	7.899	117	79844	19.949	ug/l		98
39) Methylcyclohexane	9.179	83	83753	20.428	ug/l		95
40) Benzene	8.161	78	223104	20.281	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.313	41	22227m	20.458	ug/l		
42) 1,2-Dichloroethane	8.234	62	61983	19.803	ug/l		90
43) Isopropyl Acetate	8.270	43	73175	19.740	ug/l	#	89
44) Trichloroethene	8.935	130	59344	20.071	ug/l		95
45) 1,2-Dichloropropane	9.215	63	57957	20.014	ug/l		94
46) Dibromomethane	9.301	93	31864	19.685	ug/l		96
47) Bromodichloromethane	9.496	83	78797	19.698	ug/l		100
48) Methyl methacrylate	9.289	41	31868	19.287	ug/l	#	77
49) 1,4-Dioxane	9.295	88	9233	413.256	ug/l	#	80
51) 4-Methyl-2-Pentanone	10.069	43	208118	99.572	ug/l		88
52) Toluene	10.240	92	140017	20.334	ug/l		96
53) t-1,3-Dichloropropene	10.465	75	79301	19.772	ug/l		100
54) cis-1,3-Dichloropropene	9.929	75	92388	20.322	ug/l	#	81
55) 1,1,2-Trichloroethane	10.642	97	47829	19.851	ug/l		97
56) Ethyl methacrylate	10.508	69	60041	19.801	ug/l	#	75
57) 1,3-Dichloropropane	10.788	76	79151	19.681	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.782	63	98444	85.105	ug/l		96
59) 2-Hexanone	10.831	43	143897	99.756	ug/l		85
60) Dibromochloromethane	10.983	129	56453	19.816	ug/l		99
61) 1,2-Dibromoethane	11.087	107	43602	19.937	ug/l		100
64) Tetrachloroethene	10.715	164	56612	19.893	ug/l		98
65) Chlorobenzene	11.514	112	151488	19.946	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.587	131	57253	19.429	ug/l		97
67) Ethyl Benzene	11.593	91	267470	20.160	ug/l		99
68) m/p-Xylenes	11.703	106	208049	41.144	ug/l		94
69) o-Xylene	12.026	106	96758	20.063	ug/l		96
70) Styrene	12.044	104	168769	20.476	ug/l		95
71) Bromoform	12.209	173	35110	19.444	ug/l	#	100
73) Isopropylbenzene	12.325	105	262355	20.103	ug/l		100
74) N-amyl acetate	12.142	43	63748	19.899	ug/l	#	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	57178	20.082	ug/l		98
76) 1,2,3-Trichloropropane	12.629	75	39450m	18.984	ug/l		
77) Bromobenzene	12.605	156	61014	19.878	ug/l		99
78) n-propylbenzene	12.666	91	323011	20.353	ug/l		100
79) 2-Chlorotoluene	12.751	91	181142	19.956	ug/l		99
80) 1,3,5-Trimethylbenzene	12.806	105	221837	20.175	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.373	75	19377	19.802	ug/l	#	84
82) 4-Chlorotoluene	12.849	91	189485	20.123	ug/l		99
83) tert-Butylbenzene	13.075	119	194442	20.258	ug/l		93
84) 1,2,4-Trimethylbenzene	13.117	105	221040	20.422	ug/l		100
85) sec-Butylbenzene	13.251	105	288690	20.115	ug/l		99
86) p-Isopropyltoluene	13.367	119	238038	20.189	ug/l		98
87) 1,3-Dichlorobenzene	13.361	146	122403	19.643	ug/l		98
88) 1,4-Dichlorobenzene	13.440	146	123170	19.758	ug/l		98
89) n-Butylbenzene	13.690	91	222976	20.247	ug/l		100
90) Hexachloroethane	13.959	117	48039	19.504	ug/l		89
91) 1,2-Dichlorobenzene	13.733	146	110443	19.703	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8934	19.491	ug/l		82
93) 1,2,4-Trichlorobenzene	15.001	180	64048	19.966	ug/l		99
94) Hexachlorobutadiene	15.105	225	39263	20.268	ug/l		99
95) Naphthalene	15.233	128	126236	20.405	ug/l		98
96) 1,2,3-Trichlorobenzene	15.422	180	55723	19.955	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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