Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112724\
Data File : VY020457.D
Acq On : 27 Nov 2024 11:37
Operator : SY/MD
Sample : VY1127SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Quant Time: Nov 28 00:57:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.720	168	165619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	263466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	218225	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.353	152	99753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	79170	41.608	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 83.220%			
35) Dibromofluoromethane	7.652	113	74544	44.124	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.240%			
50) Toluene-d8	10.115	98	296254	44.516	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 89.040%			
62) 4-Bromofluorobenzene	12.414	95	96559	45.135	ug/l	0.01
Spiked Amount 50.000	Range 29 - 146		Recovery = 90.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	37829	23.531	ug/l	96
3) Chloromethane	2.080	50	34833	13.140	ug/l	100
4) Vinyl Chloride	2.214	62	35158	15.942	ug/l	99
5) Bromomethane	2.611	94	19749	17.930	ug/l	95
6) Chloroethane	2.745	64	21606	16.794	ug/l	96
7) Trichlorofluoromethane	3.068	101	64293	20.978	ug/l	99
8) Diethyl Ether	3.464	74	17359	17.952	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.824	101	36608	20.057	ug/l	97
10) Methyl Iodide	4.019	142	40870	16.717	ug/l	94
11) Tert butyl alcohol	4.879	59	11167	74.618	ug/l #	88
12) 1,1-Dichloroethene	3.799	96	33986	18.811	ug/l	96
13) Acrolein	3.665	56	13867	117.694	ug/l	100
14) Allyl chloride	4.397	41	61061	17.477	ug/l	96
15) Acrylonitrile	5.074	53	35861	83.894	ug/l	100
16) Acetone	3.885	43	38924	85.332	ug/l	98
17) Carbon Disulfide	4.123	76	96795	15.902	ug/l	100
18) Methyl Acetate	4.397	43	15595	14.667	ug/l	98
19) Methyl tert-butyl Ether	5.135	73	85839	18.290	ug/l	99
20) Methylene Chloride	4.629	84	35266	18.257	ug/l	98
21) trans-1,2-Dichloroethene	5.129	96	36409	18.144	ug/l	92
22) Diisopropyl ether	6.031	45	122712	17.823	ug/l	97
23) Vinyl Acetate	5.970	43	327784	85.192	ug/l	99
24) 1,1-Dichloroethane	5.933	63	72074	18.543	ug/l	99
25) 2-Butanone	6.909	43	52048	88.631	ug/l	98
26) 2,2-Dichloropropane	6.903	77	67146	20.901	ug/l	99
27) cis-1,2-Dichloroethene	6.903	96	43236	19.562	ug/l	99
28) Bromochloromethane	7.256	49	29747	18.184	ug/l #	18
29) Tetrahydrofuran	7.274	42	28924	82.409	ug/l	98
30) Chloroform	7.433	83	74195	19.768	ug/l	95
31) Cyclohexane	7.713	56	66198	18.663	ug/l #	92
32) 1,1,1-Trichloroethane	7.628	97	70453	21.378	ug/l	97
36) 1,1-Dichloropropene	7.848	75	53604	20.774	ug/l	100
37) Ethyl Acetate	7.000	43	21648	18.314	ug/l	97
38) Carbon Tetrachloride	7.829	117	64471	23.930	ug/l	97
39) Methylcyclohexane	9.116	83	67907	21.028	ug/l	100
40) Benzene	8.091	78	158367	20.943	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.232	41	12587	18.715	ug/l		95
42) 1,2-Dichloroethane	8.171	62	42827	20.982	ug/l		100
43) Isopropyl Acetate	8.207	43	43078	18.740	ug/l	#	91
44) Trichloroethene	8.872	130	39669	22.141	ug/l		95
45) 1,2-Dichloropropane	9.152	63	37272	20.659	ug/l		96
46) Dibromomethane	9.238	93	18602	20.117	ug/l		99
47) Bromodichloromethane	9.433	83	54678	21.420	ug/l		94
48) Methyl methacrylate	9.225	41	20123	18.310	ug/l		97
49) 1,4-Dioxane	9.244	88	3412m	358.648	ug/l		
51) 4-Methyl-2-Pentanone	10.006	43	104874	89.900	ug/l		98
52) Toluene	10.176	92	99910	21.616	ug/l		96
53) t-1,3-Dichloropropene	10.402	75	47747	19.780	ug/l		100
54) cis-1,3-Dichloropropene	9.865	75	57299	20.736	ug/l		94
55) 1,1,2-Trichloroethane	10.579	97	24142	19.668	ug/l		96
56) Ethyl methacrylate	10.445	69	33182	18.001	ug/l		99
57) 1,3-Dichloropropane	10.725	76	43692	19.807	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.719	63	76915	87.996	ug/l		97
59) 2-Hexanone	10.768	43	76577	92.703	ug/l		97
60) Dibromochloromethane	10.920	129	33899	21.426	ug/l		100
61) 1,2-Dibromoethane	11.024	107	21599	18.989	ug/l		99
64) Tetrachloroethene	10.652	164	34115	21.687	ug/l		98
65) Chlorobenzene	11.451	112	102442	21.054	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.524	131	35561	21.878	ug/l		99
67) Ethyl Benzene	11.524	91	193844	21.595	ug/l		100
68) m/p-Xylenes	11.633	106	141258	43.688	ug/l		98
69) o-Xylene	11.963	106	66764	21.770	ug/l		98
70) Styrene	11.975	104	110070	21.602	ug/l		98
71) Bromoform	12.139	173	18300	21.603	ug/l	#	98
73) Isopropylbenzene	12.261	105	185974	22.008	ug/l		98
74) N-amyl acetate	12.078	43	34836	17.059	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.511	83	25389	18.590	ug/l		97
76) 1,2,3-Trichloropropane	12.560	75	15240m	16.209	ug/l		
77) Bromobenzene	12.536	156	37311	21.075	ug/l		98
78) n-propylbenzene	12.603	91	220420	21.735	ug/l		99
79) 2-Chlorotoluene	12.688	91	123053	21.103	ug/l		98
80) 1,3,5-Trimethylbenzene	12.743	105	150488	22.036	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.310	75	8921	18.592	ug/l		98
82) 4-Chlorotoluene	12.786	91	127291	21.152	ug/l		97
83) tert-Butylbenzene	13.005	119	133972	22.230	ug/l		97
84) 1,2,4-Trimethylbenzene	13.048	105	146110	21.580	ug/l		100
85) sec-Butylbenzene	13.182	105	197007	20.735	ug/l		100
86) p-Isopropyltoluene	13.298	119	162975	22.186	ug/l		99
87) 1,3-Dichlorobenzene	13.298	146	74852	20.910	ug/l		99
88) 1,4-Dichlorobenzene	13.377	146	73041	21.355	ug/l		99
89) n-Butylbenzene	13.627	91	151428	21.526	ug/l		99
90) Hexachloroethane	13.889	117	30150	21.265	ug/l		93
91) 1,2-Dichlorobenzene	13.670	146	61900	20.754	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3918	17.483	ug/l		96
93) 1,2,4-Trichlorobenzene	14.932	180	35495	19.683	ug/l		99
94) Hexachlorobutadiene	15.029	225	25538	23.200	ug/l		95
95) Naphthalene	15.151	128	55878	17.992	ug/l		99
96) 1,2,3-Trichlorobenzene	15.340	180	28521	18.497	ug/l		98

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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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