Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018347.D
Acq On : 25 Nov 2023 02:22
Operator : MA/JU
Sample : 05336-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKE0

Quant Time: Nov 25 02:54:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 24 22:02:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	371027	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1482160	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	845271	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	1485241	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	1125977	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	1394328	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	37334	3.769	ng/uL	0.00
4) Pyridine-d5	3.687	84	248419	9.125	ng/ul	0.00
7) Phenol-d5	7.028	99	180003	5.309	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	567761	28.001	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	578100	20.306	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	353215	12.908	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	367165	30.499	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	324470	29.184	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	662745	24.708	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	885688	24.482	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	2357549	31.345	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	2615680	30.521	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	33873	3.262	ng/ul	0.00
60) Fluorene-d10	15.492	176	1967156	31.270	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	158306	25.038	ng/ul	0.00
73) Anthracene-d10	17.345	188	2819085	35.511	ng/ul	0.00
81) Pyrene-d10	19.586	212	2849942	31.802	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	3002245	37.139	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	843	0.079	ng/uL#	37
5) Pyridine	3.711	79	194	0.007	ng/ul#	1
6) Benzaldehyde	6.999	77	155	0.009	ng/ul#	17
8) Phenol	7.052	94	1344	0.040	ng/ul#	23
10) Bis(2-Chloroethyl)ether	7.293	93	175	0.006	ng/ul#	80
12) 2-Chlorophenol	7.516	128	62	0.002	ng/ul	94
13) 2-Methylphenol	8.322	108	34	0.001	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.393	45	178	0.005	ng/ul#	1
16) Acetophenone	8.693	105	685	0.016	ng/ul#	1
17) N-Nitroso-di-n-propyla...	8.699	70	72	0.003	ng/ul#	1
18) 4-Methylphenol	8.581	108	118	0.004	ng/ul	96
19) Hexachloroethane	8.946	117	143	0.012	ng/ul#	7
22) Nitrobenzene	9.075	77	209	0.007	ng/ul#	48
23) Isophorone	9.593	82	278	0.004	ng/ul#	33
25) 2-Nitrophenol	9.804	139	28	0.002	ng/ul#	1
26) 2,4-Dimethylphenol	9.816	107	61	0.002	ng/ul	86
27) Bis(2-Chloroethoxy)met...	10.093	93	47	0.001	ng/ul#	22
29) 2,4-Dichlorophenol	10.316	162	89	0.003	ng/ul#	1
30) Naphthalene	10.728	128	241	0.003	ng/ul#	22
32) 4-Chloroaniline	10.893	127	113	0.003	ng/ul	93
33) Hexachlorobutadiene	10.998	225	34	0.002	ng/ul#	67
34) Caprolactam	11.598	113	290	0.039	ng/ul#	87
35) 4-Chloro-3-methylphenol	11.945	107	151	0.005	ng/ul#	57
36) 2-Methylnaphthalene	12.287	142	34	0.001	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	119	0.002	ng/ul#	88
39) 1,2,4,5-Tetrachloroben...	12.681	216	26	0.001	ng/ul#	1
40) Hexachlorocyclopentadiene	12.669	237	29	0.002	ng/ul#	44
41) 2,4,6-Trichlorophenol	12.934	196	79	0.004	ng/ul#	65
42) 2,4,5-Trichlorophenol	12.987	196	74	0.004	ng/ul#	52
43) 1,1'-Biphenyl	13.340	154	567	0.008	ng/ul#	87
44) 2-Chloronaphthalene	13.369	162	306	0.005	ng/ul#	88
45) 2-Nitroaniline	13.581	65	28	0.002	ng/ul#	60
47) Dimethylphthalate	13.963	163	1918	0.026	ng/ul#	93
48) 2,6-Dinitrotoluene	14.010	165	85	0.007	ng/ul	99
50) Acenaphthylene	14.222	152	1310	0.014	ng/ul#	87
51) 3-Nitroaniline	14.387	138	25	0.002	ng/ul#	14
52) Acenaphthene	14.563	153	1253	0.020	ng/ul	95
53) 2,4-Dinitrophenol	14.598	184	2	0.000	ng/ul#	1
55) 4-Nitrophenol	14.687	109	70	0.009	ng/ul#	1
56) Dibenzofuran	14.892	168	1406	0.016	ng/ul	100
57) 2,4-Dinitrotoluene	14.851	165	153	0.009	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.116	232	54	0.004	ng/ul#	1
59) Diethylphthalate	15.322	149	2752	0.037	ng/ul#	66
61) Fluorene	15.551	166	1006	0.014	ng/ul#	92
62) 4-Chlorophenyl-phenyle...	15.557	204	260	0.007	ng/ul#	67
63) 4-Nitroaniline	15.551	138	124	0.011	ng/ul#	2
66) 4,6-Dinitro-2-methylph...	15.622	198	83	0.012	ng/ul#	1
67) N-Nitrosodiphenylamine	15.751	169	314	0.006	ng/ul#	27
68) 4-Bromophenyl-phenylether	16.433	248	56	0.003	ng/ul#	47
69) Hexachlorobenzene	16.545	284	220	0.010	ng/ul#	67
70) Atrazine	16.545	200	48	0.003	ng/ul	93
71) Pentachlorophenol	16.892	266	49	0.005	ng/ul#	30
72) Phenanthrene	17.292	178	1697	0.019	ng/ul#	91
74) Anthracene	17.381	178	1847	0.020	ng/ul#	80
75) 1,2,3,4-Tetrachloroben...	13.298	216	46	0.002	ng/uL#	56
76) Pentachlorobenzene	14.816	250	113	0.005	ng/uL#	72
77) Carbazole	17.657	167	1334	0.018	ng/ul#	82
78) Di-n-butylphthalate	18.216	149	5686	0.055	ng/ul#	96
80) Fluoranthene	19.257	202	2038	0.019	ng/ul#	83
82) Pyrene	19.616	202	1947	0.018	ng/ul#	77
83) Butylbenzylphthalate	20.510	149	658	0.016	ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.286	252	557	0.020	ng/ul#	71
85) Benzo(a)anthracene	21.351	228	5098	0.056	ng/ul#	75
86) Bis(2-ethylhexyl)phtha...	21.292	149	3609	0.060	ng/ul#	97
87) Chrysene	21.386	228	3126	0.037	ng/ul#	88
89) Di-n-octyl phthalate	22.245	149	483	0.005	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	1891	0.019	ng/ul#	19
91) Benzo(k)fluoranthene	23.086	252	902	0.009	ng/ul#	38
93) Benzo(a)pyrene	23.663	252	314	0.003	ng/ul#	9
94) Indeno(1,2,3-cd)pyrene	26.339	276	475	0.004	ng/ul#	77
95) Dibenzo(a,h)anthracene	26.386	278	1028	0.012	ng/ul#	75
96) Benzo(g,h,i)perylene	27.127	276	161	0.002	ng/ul#	75

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

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