Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062522\
Data File : BP010849.D
Acq On : 26 Jun 2022 03:26
Operator : CG/JU
Sample : PB145746BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS746

Quant Time: Jun 26 22:56:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 22:42:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	461798	20.000	ng/ul	0.00
20) Naphthalene-d8	10.510	136	1831253	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.369	164	926880	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.134	188	1687960	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.251	240	1668332	20.000	ng/ul	# 0.00
88) Perylene-d12	23.616	264	1827066	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	87235	7.146	ng/uL	0.00
4) Pyridine-d5	3.611	84	1115304	34.321	ng/ul	0.00
7) Phenol-d5	6.893	99	1310895	35.860	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.058	67	828437	34.652	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	1113512	36.714	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	1025628	35.491	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	497375	42.665	ng/ul	0.00
24) 2-Nitrophenol-d4	9.599	143	488076	50.606	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	882942	37.050	ng/ul	0.00
31) 4-Chloroaniline-d4	10.657	131	1270502	32.661	ng/ul	0.00
46) Dimethylphthalate-d6	13.793	166	2245911	35.373	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	2901382	35.805	ng/ul	0.00
54) 4-Nitrophenol-d4	14.587	143	411784	41.523	ng/ul	0.00
60) Fluorene-d10	15.369	176	1894247	34.766	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.492	200	239806	42.881	ng/ul	0.00
73) Anthracene-d10	17.233	188	2680379	35.691	ng/ul	-0.01
81) Pyrene-d10	19.486	212	3031866	33.357	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.463	264	3429564	37.986	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	170831	13.122	ng/uL#	86
5) Pyridine	3.628	79	1085259	32.968	ng/ul#	74
6) Benzaldehyde	6.863	77	878770	45.560	ng/ul	93
8) Phenol	6.922	94	1303939	33.350	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.152	93	1056606	33.648	ng/ul	89
12) 2-Chlorophenol	7.281	128	1081214	34.535	ng/ul	91
13) 2-Methylphenol	8.169	108	947632	32.556	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.252	45	1361675	32.319	ng/ul#	97
16) Acetophenone	8.540	105	1467958	33.077	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.534	70	701025	31.239	ng/ul	89
18) 4-Methylphenol	8.499	108	1005901	33.184	ng/ul	99
19) Hexachloroethane	8.787	117	428636	33.807	ng/ul#	82
22) Nitrobenzene	8.922	77	1094827	37.633	ng/ul#	89
23) Isophorone	9.452	82	1923970	31.536	ng/ul	97
25) 2-Nitrophenol	9.628	139	519817	44.506	ng/ul#	79
26) 2,4-Dimethylphenol	9.699	107	979513	30.696	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.934	93	1272954	33.076	ng/ul	98
29) 2,4-Dichlorophenol	10.163	162	843085	34.047	ng/ul	99
30) Naphthalene	10.563	128	3190346	33.427	ng/ul	100
32) 4-Chloroaniline	10.681	127	1197085	31.060	ng/ul	98
33) Hexachlorobutadiene	10.846	225	518573	32.779	ng/ul	96
34) Caprolactam	11.469	113	245129	31.511	ng/ul	83
35) 4-Chloro-3-methylphenol	11.816	107	883922	32.935	ng/ul	91
36) 2-Methylnaphthalene	12.181	142	1976783	31.985	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	1972271	32.122	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.551	216	909164	34.134	ng/ul	99
40) Hexachlorocyclopentadiene	12.528	237	524512	31.077	ng/ul	97
41) 2,4,6-Trichlorophenol	12.798	196	571971	37.247	ng/ul	97
42) 2,4,5-Trichlorophenol	12.869	196	619320	37.583	ng/ul	99
43) 1,1'-Biphenyl	13.204	154	2446073	33.523	ng/ul	99
44) 2-Chloronaphthalene	13.240	162	1890225	34.389	ng/ul	98
45) 2-Nitroaniline	13.451	65	488484	41.886	ng/ul#	77
47) Dimethylphthalate	13.840	163	2132717	33.541	ng/ul	98
48) 2,6-Dinitrotoluene	13.957	165	412406	43.288	ng/ul	92
50) Acenaphthylene	14.092	152	2895542	32.627	ng/ul	99
51) 3-Nitroaniline	14.287	138	462061	40.455	ng/ul	88
52) Acenaphthene	14.434	153	1953846	34.120	ng/ul	99
53) 2,4-Dinitrophenol	14.487	184	135971	37.176	ng/ul#	81
55) 4-Nitrophenol	14.604	109	292142	37.048	ng/ul#	77
56) Dibenzofuran	14.775	168	2596792	33.107	ng/ul	95
57) 2,4-Dinitrotoluene	14.740	165	570335	44.802	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.998	232	448391	37.997	ng/ul#	88
59) Diethylphthalate	15.216	149	2093840	33.123	ng/ul	98
61) Fluorene	15.428	166	2062348	32.974	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.428	204	961270	32.832	ng/ul	97
63) 4-Nitroaniline	15.457	138	491385	46.532	ng/ul#	75
66) 4,6-Dinitro-2-methylph...	15.504	198	239141	39.573	ng/ul	97
67) N-Nitrosodiphenylamine	15.645	169	1720385	33.651	ng/ul	98
68) 4-Bromophenyl-phenylether	16.328	248	573968	33.929	ng/ul	98
69) Hexachlorobenzene	16.428	284	650322	33.190	ng/ul	96
70) Atrazine	16.610	200	554179	32.694	ng/ul	98
71) Pentachlorophenol	16.781	266	325210	32.234	ng/ul	97
72) Phenanthrene	17.175	178	3103240	34.523	ng/ul	99
74) Anthracene	17.269	178	3086103	34.136	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	936889	33.635	ng/uL	98
76) Pentachlorobenzene	14.687	250	822261	34.420	ng/uL	99
77) Carbazole	17.545	167	2873859	35.314	ng/ul	100
78) Di-n-butylphthalate	18.116	149	3335835	34.399	ng/ul	99
80) Fluoranthene	19.157	202	3472909	31.068	ng/ul#	88
82) Pyrene	19.516	202	3587847	31.781	ng/ul#	87
83) Butylbenzylphthalate	20.410	149	1521938	38.301	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.174	252	1310279	38.034	ng/ul	98
85) Benzo(a)anthracene	21.233	228	3675584	35.227	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.174	149	2204566	35.035	ng/ul#	97
87) Chrysene	21.286	228	3442186	34.427	ng/ul	99
89) Di-n-octyl phthalate	22.098	149	3900632	35.967	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	4060694	35.739	ng/ul#	96
91) Benzo(k)fluoranthene	22.939	252	3931520	36.403	ng/ul#	95
93) Benzo(a)pyrene	23.510	252	3593357	32.511	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.068	276	4920953	36.897	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.098	278	4089994	35.752	ng/ul#	93
96) Benzo(g,h,i)perylene	26.833	276	3991401	35.182	ng/ul#	89

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

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