Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012116.D
Acq On : 13 Oct 2022 12:25
Operator : CG/JU
Sample : PB148253BS
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS253

Quant Time: Oct 13 23:32:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 23:03:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	283349	20.000	ng/ul	0.00
20) Naphthalene-d8	10.658	136	1151428	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	620969	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	1102479	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	1176461	20.000	ng/ul	0.00
88) Perylene-d12	23.769	264	1275758	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	37338	5.195	ng/uL	0.00
4) Pyridine-d5	3.693	84	505818	26.465	ng/ul	0.00
7) Phenol-d5	7.017	99	690166	30.286	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	383927	29.681	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	570112	31.517	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	528515	30.194	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	271832	33.428	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	288376	34.973	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	515179	32.238	ng/ul	0.00
31) 4-Chloroaniline-d4	10.799	131	643130	27.310	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	1198972	30.487	ng/ul	0.00
49) Acenaphthylene-d8	14.193	160	1532426	31.511	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	227347	29.446	ng/ul	0.00
60) Fluorene-d10	15.493	176	1067537	30.003	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	178550	30.671	ng/ul	0.00
73) Anthracene-d10	17.357	188	1502870	31.392	ng/ul	0.00
81) Pyrene-d10	19.592	212	1707982	28.338	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.610	264	1975515	31.854	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	77616	10.263	ng/uL	97
5) Pyridine	3.717	79	509328	27.813	ng/ul	94
6) Benzaldehyde	6.993	77	419608	39.245	ng/ul	98
8) Phenol	7.046	94	697589	29.159	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.275	93	549598	29.117	ng/ul	98
12) 2-Chlorophenol	7.411	128	589098	30.008	ng/ul	100
13) 2-Methylphenol	8.299	108	522936	29.307	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.387	45	533302	27.565	ng/ul	98
16) Acetophenone	8.681	105	799499	29.627	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.664	70	355303	28.908	ng/ul	99
18) 4-Methylphenol	8.628	108	559313	29.082	ng/ul	94
19) Hexachloroethane	8.928	117	225939	29.815	ng/ul	99
22) Nitrobenzene	9.058	77	573581	30.769	ng/ul	99
23) Isophorone	9.587	82	995268	30.100	ng/ul	99
25) 2-Nitrophenol	9.769	139	316441	32.665	ng/ul	95
26) 2,4-Dimethylphenol	9.834	107	556671	29.505	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.069	93	672142	29.622	ng/ul	100
29) 2,4-Dichlorophenol	10.305	162	511235	30.442	ng/ul	99
30) Naphthalene	10.705	128	1768904	29.072	ng/ul	100
32) 4-Chloroaniline	10.822	127	627999	25.866	ng/ul	98
33) Hexachlorobutadiene	10.987	225	306670	29.448	ng/ul	99
34) Caprolactam	11.616	113	130650	28.311	ng/ul	98
35) 4-Chloro-3-methylphenol	11.952	107	477017	29.982	ng/ul	99
36) 2-Methylnaphthalene	12.316	142	1128884	28.813	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.534	142	1126079	28.700	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.687	216	572647	30.168	ng/ul	99
40)	Hexachlorocyclopentadiene	12.657	237	243138	26.371	ng/ul	99
41)	2,4,6-Trichlorophenol	12.928	196	364696	31.895	ng/ul	99
42)	2,4,5-Trichlorophenol	13.004	196	388310	31.248	ng/ul	98
43)	1,1'-Biphenyl	13.328	154	1411453	30.108	ng/ul	100
44)	2-Chloronaphthalene	13.369	162	1120546	29.933	ng/ul	99
45)	2-Nitroaniline	13.587	65	258911	32.422	ng/ul	94
47)	Dimethylphthalate	13.957	163	1219569	29.434	ng/ul	99
48)	2,6-Dinitrotoluene	14.081	165	246536	33.607	ng/ul	98
50)	Acenaphthylene	14.222	152	1675628	30.452	ng/ul	100
51)	3-Nitroaniline	14.416	138	250451	29.320	ng/ul	99
52)	Acenaphthene	14.563	153	1140867	29.124	ng/ul	99
53)	2,4-Dinitrophenol	14.622	184	115906	24.457	ng/ul	98
55)	4-Nitrophenol	14.722	109	148863	27.889	ng/ul	93
56)	Dibenzofuran	14.898	168	1535839	29.010	ng/ul	98
57)	2,4-Dinitrotoluene	14.869	165	340293	32.277	ng/ul#	98
58)	2,3,4,6-Tetrachlorophenol	15.128	232	296382	30.599	ng/ul	96
59)	Diethylphthalate	15.328	149	1138968	30.015	ng/ul	99
61)	Fluorene	15.551	166	1213054	29.190	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.545	204	584332	29.066	ng/ul	97
63)	4-Nitroaniline	15.581	138	271317	34.786	ng/ul	96
66)	4,6-Dinitro-2-methylph...	15.634	198	185628	29.496	ng/ul	94
67)	N-Nitrosodiphenylamine	15.763	169	1001617	30.694	ng/ul	100
68)	4-Bromophenyl-phenylether	16.445	248	331988	30.946	ng/ul	96
69)	Hexachlorobenzene	16.557	284	369862	29.704	ng/ul	97
70)	Atrazine	16.722	200	313755	31.267	ng/ul	100
71)	Pentachlorophenol	16.904	266	226551	31.054	ng/ul	99
72)	Phenanthrene	17.298	178	1785440	29.779	ng/ul	99
74)	Anthracene	17.392	178	1782440	30.042	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.293	216	584703	32.821	ng/uL	100
76)	Pentachlorobenzene	14.816	250	499987	28.577	ng/uL	100
77)	Carbazole	17.669	167	1621424	30.640	ng/ul	99
78)	Di-n-butylphthalate	18.216	149	1649504	31.411	ng/ul	100
80)	Fluoranthene	19.269	202	2007177	27.178	ng/ul	99
82)	Pyrene	19.622	202	2153618	27.555	ng/ul	97
83)	Butylbenzylphthalate	20.492	149	762507	30.777	ng/ul	92
84)	3,3'-Dichlorobenzidine	21.269	252	754208	29.093	ng/ul#	98
85)	Benzo(a)anthracene	21.333	228	2241477	30.269	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.251	149	1054434	31.570	ng/ul	99
87)	Chrysene	21.386	228	2150808	30.174	ng/ul	98
89)	Di-n-octyl phthalate	22.180	149	1924985	30.139	ng/ul	100
90)	Benzo(b)fluoranthene	23.027	252	2458686	30.447	ng/ul	99
91)	Benzo(k)fluoranthene	23.075	252	2426850	30.553	ng/ul	99
93)	Benzo(a)pyrene	23.663	252	2206136	30.621	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.286	276	2884844	31.668	ng/ul	95
95)	Dibenzo(a,h)anthracene	26.304	278	2459157	30.091	ng/ul	97
96)	Benzo(g,h,i)perylene	27.063	276	2410817	29.352	ng/ul	96

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

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