Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007535.D
Acq On : 20 Oct 2021 18:42
Operator : CG/JU
Sample : PB139973BS
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS973

Manual Integrations APPROVED
mohammad
10/21/2021 11:15:54 AM

Quant Time: Oct 21 01:02:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 20 10:49:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	214707	20.00	ng/ul	0.00
20) Naphthalene-d8	10.757	136	862435	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	538680	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	1160172	20.00	ng/ul	0.00
79) Chrysene-d12	21.427	240	1162959	20.00	ng/ul	0.00
88) Perylene-d12	23.874	264	1248237	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	28947	5.32	ng/uL	0.00
4) Pyridine-d5	3.793	84	426540	28.66	ng/ul	0.00
7) Phenol-d5	7.111	99	521279	31.09	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	294980	29.50	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	415273	31.48	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	413910	32.05	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	194342	35.61	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	203626	39.94	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	409267	32.91	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	482756	28.71	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	1160112	31.13	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	1432723	30.59	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	216468	36.20	ng/ul	0.00
60) Fluorene-d10	15.581	176	982737	31.51	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	155254	33.40	ng/ul	0.00
73) Anthracene-d10	17.439	188	1535169	31.16	ng/ul	0.00
81) Pyrene-d10	19.669	212	1883872	32.40	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.716	264	1886903	30.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	61855	10.46	ng/uL	96
5) Pyridine	3.811	79	431759	30.00	ng/ul	99
6) Benzaldehyde	7.087	77	323743	34.36	ng/ul	96
8) Phenol	7.140	94	534922	31.20	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	419312	30.31	ng/ul	99
12) 2-Chlorophenol	7.516	128	426053	31.46	ng/ul	98
13) 2-Methylphenol	8.393	108	404411	31.32	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.493	45	491769	27.89	ng/ul	99
16) Acetophenone	8.775	105	605494	30.65	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.763	70	298746	29.23	ng/ul	94
18) 4-Methylphenol	8.722	108	430130	31.27	ng/ul	98
19) Hexachloroethane	9.040	117	170985	30.16	ng/ul	94
22) Nitrobenzene	9.152	77	455924	32.53	ng/ul	97
23) Isophorone	9.687	82	862843	29.41	ng/ul	97
25) 2-Nitrophenol	9.863	139	221499	37.48	ng/ul	97
26) 2,4-Dimethylphenol	9.928	107	471146	31.23	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.169	93	547166	30.10	ng/ul	100
29) 2,4-Dichlorophenol	10.404	162	404148	33.07	ng/ul	97
30) Naphthalene	10.810	128	1264564	30.15	ng/ul	99
32) 4-Chloroaniline	10.910	127	506426	29.76	ng/ul	99
33) Hexachlorobutadiene	11.104	225	278323	32.44	ng/ul	99
34) Caprolactam	11.681	113	129570m	40.42	ng/ul	
35) 4-Chloro-3-methylphenol	12.040	107	434181	32.70	ng/ul	97
36) 2-Methylnaphthalene	12.416	142	868176	30.29	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.634	142	871889	30.04	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.787	216	498306	32.00	ng/ul	99
40)	Hexachlorocyclopentadiene	12.769	237	252191	25.69	ng/ul	98
41)	2,4,6-Trichlorophenol	13.022	196	330135	36.06	ng/ul	97
42)	2,4,5-Trichlorophenol	13.093	196	355219	37.26	ng/ul	97
43)	1,1'-Biphenyl	13.422	154	1156800	30.13	ng/ul	99
44)	2-Chloronaphthalene	13.463	162	892171	30.17	ng/ul	99
45)	2-Nitroaniline	13.657	65	252435	36.72	ng/ul	97
47)	Dimethylphthalate	14.045	163	1138209	30.75	ng/ul	99
48)	2,6-Dinitrotoluene	14.157	165	229319	37.36	ng/ul	95
50)	Acenaphthylene	14.310	152	1436961	30.43	ng/ul	100
51)	3-Nitroaniline	14.481	138	245508	35.89	ng/ul#	96
52)	Acenaphthene	14.651	153	928870	30.38	ng/ul	99
53)	2,4-Dinitrophenol	14.687	184	103314	36.43	ng/ul	98
55)	4-Nitrophenol	14.787	109	185216	34.28	ng/ul	95
56)	Dibenzofuran	14.987	168	1357608	30.58	ng/ul	100
57)	2,4-Dinitrotoluene	14.945	165	334742	38.82	ng/ul	93
58)	2,3,4,6-Tetrachlorophenol	15.210	232	295095	37.31	ng/ul	98
59)	Diethylphthalate	15.416	149	1139788	30.88	ng/ul	99
61)	Fluorene	15.634	166	1044253	31.04	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.634	204	528689	30.87	ng/ul	99
63)	4-Nitroaniline	15.645	138	244352	40.30	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.710	198	162487	33.79	ng/ul	99
67)	N-Nitrosodiphenylamine	15.845	169	949270	30.39	ng/ul	98
68)	4-Bromophenyl-phenylether	16.528	248	349527	33.44	ng/ul	99
69)	Hexachlorobenzene	16.645	284	404927	32.21	ng/ul	99
70)	Atrazine	16.804	200	372012	31.46	ng/ul	98
71)	Pentachlorophenol	16.992	266	256092	36.80	ng/ul	99
72)	Phenanthrene	17.386	178	1787800	30.82	ng/ul	100
74)	Anthracene	17.475	178	1764558	30.42	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.387	216	502032	29.83	ng/uL	99
76)	Pentachlorobenzene	14.910	250	480454	30.63	ng/uL	99
77)	Carbazole	17.739	167	1666233	32.70	ng/ul	100
78)	Di-n-butylphthalate	18.304	149	1996564	31.90	ng/ul	100
80)	Fluoranthene	19.345	202	2240320	31.06	ng/ul	100
82)	Pyrene	19.698	202	2241932	30.82	ng/ul	99
83)	Butylbenzylphthalate	20.575	149	918035	34.37	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.339	252	712251	32.19	ng/ul	99
85)	Benzo(a)anthracene	21.410	228	2259972	31.63	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.345	149	1325520	32.46	ng/ul	100
87)	Chrysene	21.463	228	2149310	31.05	ng/ul	99
89)	Di-n-octyl phthalate	22.292	149	2330694	33.09	ng/ul	100
90)	Benzo(b)fluoranthene	23.127	252	2374613	31.26	ng/ul	99
91)	Benzo(k)fluoranthene	23.180	252	2216057	31.28	ng/ul	99
93)	Benzo(a)pyrene	23.768	252	2277151	31.34	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.439	276	2702450	32.10	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.462	278	2300835	32.10	ng/ul	98
96)	Benzo(g,h,i)perylene	27.221	276	2331516	32.16	ng/ul	98

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

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