Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013073.D
Acq On : 11 Dec 2022 10:38
Operator : CG/JU
Sample : PB149495BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS495

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

Quant Time: Dec 12 03:35:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 01:32:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	586836	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	2543454	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	1654166	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	3719259	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	3276279	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	3022180	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	81471	5.936	ng/uL	0.00
4) Pyridine-d5	3.776	84	1184024	30.369	ng/ul	0.00
7) Phenol-d5	7.128	99	1721426	36.014	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	1011812	35.091	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	1368604	36.372	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	1387072	35.416	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	682205	36.506	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	793315	37.708	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	1493978	36.560	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	1768119	30.649	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	4406443	34.661	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	4994146	35.750	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	850187	37.178	ng/ul	0.00
60) Fluorene-d10	15.604	176	3819068	35.509	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	851053	35.558	ng/ul	0.00
73) Anthracene-d10	17.463	188	6079150	36.230	ng/ul	0.00
81) Pyrene-d10	19.692	212	7158030	38.063	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	5623747	37.333	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	171253	11.952	ng/uL	95
5) Pyridine	3.799	79	1229430	31.728	ng/ul	99
6) Benzaldehyde	7.105	77	841692	44.970	ng/ul	98
8) Phenol	7.152	94	1764854	36.517	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.387	93	1373922	34.636	ng/ul	98
12) 2-Chlorophenol	7.528	128	1397862	36.227	ng/ul	98
13) 2-Methylphenol	8.411	108	1343875	35.667	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.505	45	1987303	36.510	ng/ul	99
16) Acetophenone	8.799	105	2095405	34.893	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.787	70	1055934	34.967	ng/ul	98
18) 4-Methylphenol	8.746	108	1482163	35.515	ng/ul	100
19) Hexachloroethane	9.058	117	536800	34.812	ng/ul	100
22) Nitrobenzene	9.181	77	1577049	35.963	ng/ul	100
23) Isophorone	9.710	82	3079851	34.734	ng/ul	99
25) 2-Nitrophenol	9.893	139	842530	36.960	ng/ul	98
26) 2,4-Dimethylphenol	9.952	107	1537967	34.579	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.187	93	1882553	33.204	ng/ul	100
29) 2,4-Dichlorophenol	10.428	162	1450947	36.247	ng/ul	100
30) Naphthalene	10.834	128	4524261	34.012	ng/ul	100
32) 4-Chloroaniline	10.946	127	1537744	26.936	ng/ul	99
33) Hexachlorobutadiene	11.116	225	956055	34.785	ng/ul	96
34) Caprolactam	11.734	113	469949m	34.431	ng/ul	
35) 4-Chloro-3-methylphenol	12.063	107	1523399	37.292	ng/ul	97
36) 2-Methylnaphthalene	12.440	142	3171792	34.757	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.657	142	3196094	34.056	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.804	216	1901866	35.706	ng/ul	99
40)	Hexachlorocyclopentadiene	12.781	237	808219	23.317	ng/ul	99
41)	2,4,6-Trichlorophenol	13.040	196	1229410	35.915	ng/ul	100
42)	2,4,5-Trichlorophenol	13.110	196	1370563	37.274	ng/ul	100
43)	1,1'-Biphenyl	13.440	154	4220554	33.973	ng/ul	100
44)	2-Chloronaphthalene	13.487	162	3418402	34.961	ng/ul	99
45)	2-Nitroaniline	13.693	65	984754	41.540	ng/ul	99
47)	Dimethylphthalate	14.063	163	4379930	34.760	ng/ul	100
48)	2,6-Dinitrotoluene	14.187	165	924413	39.477	ng/ul	98
50)	Acenaphthylene	14.334	152	5202697	34.642	ng/ul	100
51)	3-Nitroaniline	14.516	138	945440	42.758	ng/ul	99
52)	Acenaphthene	14.675	153	3624638	34.828	ng/ul	100
53)	2,4-Dinitrophenol	14.722	184	558400	34.886	ng/ul	97
55)	4-Nitrophenol	14.822	109	602457	38.610	ng/ul	99
56)	Dibenzofuran	15.010	168	5131016	34.676	ng/ul	99
57)	2,4-Dinitrotoluene	14.975	165	1334245	39.226	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.234	232	1197907	35.699	ng/ul#	97
59)	Diethylphthalate	15.428	149	4328400	35.337	ng/ul	98
61)	Fluorene	15.657	166	4175385	35.185	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.645	204	2199605	35.050	ng/ul	99
63)	4-Nitroaniline	15.681	138	1011987	52.012	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.740	198	834656	35.686	ng/ul	98
67)	N-Nitrosodiphenylamine	15.863	169	3672121	35.612	ng/ul	99
68)	4-Bromophenyl-phenylether	16.545	248	1455786	36.043	ng/ul	99
69)	Hexachlorobenzene	16.663	284	1702313	35.495	ng/ul	98
70)	Atrazine	16.816	200	793930	19.758	ng/ul	99
71)	Pentachlorophenol	17.010	266	974046	33.537	ng/ul	99
72)	Phenanthrene	17.410	178	6997017	36.119	ng/ul	100
74)	Anthracene	17.498	178	7021704	36.301	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.410	216	1910043	35.995	ng/uL	99
76)	Pentachlorobenzene	14.928	250	1866763	34.505	ng/uL	99
77)	Carbazole	17.769	167	6368810	39.096	ng/ul	99
78)	Di-n-butylphthalate	18.310	149	7541641	38.023	ng/ul	100
80)	Fluoranthene	19.369	202	8342343	39.085	ng/ul	100
82)	Pyrene	19.722	202	8506349	38.634	ng/ul	99
83)	Butylbenzylphthalate	20.586	149	3381952	39.760	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.363	252	2655988	35.885	ng/ul	100
85)	Benzo(a)anthracene	21.433	228	8118841	37.329	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.345	149	4895769	40.803	ng/ul	98
87)	Chrysene	21.492	228	7553481	36.724	ng/ul	99
89)	Di-n-octyl phthalate	22.298	149	8237410	48.652	ng/ul	100
90)	Benzo(b)fluoranthene	23.174	252	7499917	38.917	ng/ul	99
91)	Benzo(k)fluoranthene	23.227	252	7028833	36.781	ng/ul	99
93)	Benzo(a)pyrene	23.833	252	6278366	37.415	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.545	276	7138286	34.151	ng/ul	100
95)	Dibenzo(a,h)anthracene	26.563	278	6364182	36.775	ng/ul	100
96)	Benzo(g,h,i)perylene	27.345	276	5828362	34.733	ng/ul	100

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

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