Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007485.D
Acq On : 19 Oct 2021 09:37
Operator : CG/JU
Sample : PB139906BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS906

Manual Integrations APPROVED
mohammad
10/19/2021 12:37:01 PM

Quant Time: Oct 19 10:48:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 18 11:26:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	188091	20.00	ng/ul	0.00
20) Naphthalene-d8	10.763	136	760659	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.593	164	477709	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	1027403	20.00	ng/ul	0.00
79) Chrysene-d12	21.433	240	1045382	20.00	ng/ul	0.00
88) Perylene-d12	23.886	264	1112219	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	28140	5.91	ng/uL	0.00
4) Pyridine-d5	3.793	84	393919	30.22	ng/ul	0.00
7) Phenol-d5	7.111	99	484459	32.98	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	278858	31.83	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	384817	33.30	ng/ul	0.00
15) 4-Methylphenol-d8	8.664	113	384446	33.98	ng/ul	0.00
21) Nitrobenzene-d5	9.111	128	179224	37.23	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	186763	41.54	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	379699	34.62	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	460790	31.07	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	1114482	33.72	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	1361548	32.78	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	205514	38.75	ng/ul	0.00
60) Fluorene-d10	15.587	176	935877	33.84	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	147716	35.88	ng/ul	0.00
73) Anthracene-d10	17.445	188	1478365	33.88	ng/ul	0.00
81) Pyrene-d10	19.675	212	1800184	34.45	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	1845240	33.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	56597	10.93	ng/uL	95
5) Pyridine	3.811	79	389333	30.88	ng/ul	99
6) Benzaldehyde	7.087	77	302473	36.65	ng/ul	97
8) Phenol	7.140	94	486997	32.43	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	384242	31.70	ng/ul	99
12) 2-Chlorophenol	7.516	128	379207	31.96	ng/ul	99
13) 2-Methylphenol	8.393	108	365142	32.28	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.493	45	447287	28.96	ng/ul	99
16) Acetophenone	8.775	105	561021	32.41	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.763	70	275272	30.74	ng/ul	96
18) 4-Methylphenol	8.722	108	392733	32.59	ng/ul	98
19) Hexachloroethane	9.040	117	157018	31.61	ng/ul	99
22) Nitrobenzene	9.152	77	416422	33.69	ng/ul	98
23) Isophorone	9.687	82	794947	30.72	ng/ul	98
25) 2-Nitrophenol	9.869	139	198819	38.15	ng/ul	95
26) 2,4-Dimethylphenol	9.928	107	428052	32.17	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.169	93	499036	31.13	ng/ul	99
29) 2,4-Dichlorophenol	10.405	162	361827	33.57	ng/ul	99
30) Naphthalene	10.810	128	1163162	31.44	ng/ul	99
32) 4-Chloroaniline	10.916	127	482268	32.14	ng/ul	100
33) Hexachlorobutadiene	11.110	225	249948	33.03	ng/ul	99
34) Caprolactam	11.675	113	117105m	41.41	ng/ul	
35) 4-Chloro-3-methylphenol	12.040	107	393097	33.57	ng/ul	99
36) 2-Methylnaphthalene	12.422	142	799431	31.62	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.640	142	805663	31.48	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.787	216	449807	32.58	ng/ul	100
40)	Hexachlorocyclopentadiene	12.775	237	240153	27.58	ng/ul	99
41)	2,4,6-Trichlorophenol	13.022	196	294564	36.28	ng/ul	95
42)	2,4,5-Trichlorophenol	13.093	196	323069	38.22	ng/ul	97
43)	1,1'-Biphenyl	13.428	154	1059768	31.13	ng/ul	99
44)	2-Chloronaphthalene	13.469	162	822301	31.36	ng/ul	99
45)	2-Nitroaniline	13.663	65	229788	37.69	ng/ul	92
47)	Dimethylphthalate	14.046	163	1054675	32.13	ng/ul	99
48)	2,6-Dinitrotoluene	14.163	165	209022	38.40	ng/ul	94
50)	Acenaphthylene	14.310	152	1323064	31.59	ng/ul	99
51)	3-Nitroaniline	14.487	138	229153	37.78	ng/ul#	96
52)	Acenaphthene	14.657	153	861802	31.78	ng/ul	100
53)	2,4-Dinitrophenol	14.693	184	95073	37.81	ng/ul	92
55)	4-Nitrophenol	14.793	109	168592	35.19	ng/ul	97
56)	Dibenzofuran	14.993	168	1257497	31.94	ng/ul	100
57)	2,4-Dinitrotoluene	14.946	165	302036	39.50	ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	15.216	232	265747	37.88	ng/ul	98
59)	Diethylphthalate	15.416	149	1063227	32.48	ng/ul	99
61)	Fluorene	15.640	166	955673	32.03	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.640	204	485713	31.98	ng/ul	100
63)	4-Nitroaniline	15.651	138	224651	41.78	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.710	198	148867	34.96	ng/ul	95
67)	N-Nitrosodiphenylamine	15.845	169	875517	31.65	ng/ul	98
68)	4-Bromophenyl-phenylether	16.534	248	317156	34.27	ng/ul	96
69)	Hexachlorobenzene	16.651	284	374504	33.64	ng/ul	98
70)	Atrazine	16.804	200	347072	33.14	ng/ul	99
71)	Pentachlorophenol	16.992	266	230583	37.42	ng/ul	99
72)	Phenanthrene	17.387	178	1667675	32.47	ng/ul	99
74)	Anthracene	17.481	178	1658081	32.28	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.393	216	460133	30.88	ng/uL	99
76)	Pentachlorobenzene	14.916	250	433893	31.24	ng/uL	97
77)	Carbazole	17.745	167	1550603	34.36	ng/ul	100
78)	Di-n-butylphthalate	18.310	149	1852687	33.42	ng/ul	100
80)	Fluoranthene	19.351	202	2081834	32.11	ng/ul	100
82)	Pyrene	19.704	202	2105187	32.19	ng/ul	99
83)	Butylbenzylphthalate	20.586	149	856995	35.70	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.345	252	688986	34.64	ng/ul	99
85)	Benzo(a)anthracene	21.416	228	2117071	32.96	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.351	149	1246878	33.97	ng/ul	99
87)	Chrysene	21.475	228	2025320	32.55	ng/ul	100
89)	Di-n-octyl phthalate	22.298	149	2198096	35.02	ng/ul	100
90)	Benzo(b)fluoranthene	23.139	252	2248815	33.22	ng/ul	99
91)	Benzo(k)fluoranthene	23.186	252	2090398	33.12	ng/ul	99
93)	Benzo(a)pyrene	23.780	252	2162297	33.39	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.457	276	2535808	33.80	ng/ul	100
95)	Dibenzo(a,h)anthracene	26.480	278	2155509	33.75	ng/ul	99
96)	Benzo(g,h,i)perylene	27.239	276	2181289	33.76	ng/ul	98

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

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