Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007621.D
Acq On : 23 Oct 2021 09:54
Operator : CG/JU
Sample : PB140107BS
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS107

Manual Integrations APPROVED
mohammad
10/25/2021 1:45:44 PM

Quant Time: Oct 25 01:01:03 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	7.945	152	229306	20.000	ng/ul	0.00
20) Naphthalene-d8	10.751	136	913051	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.580	164	573775	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	1231820	20.000	ng/ul	0.00
79) Chrysene-d12	21.421	240	1253338	20.000	ng/ul	0.00
88) Perylene-d12	23.868	264	1323632	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	30651	5.279	ng/uL	0.00
4) Pyridine-d5	3.787	84	444215	27.951	ng/ul	0.00
7) Phenol-d5	7.110	99	572707	31.981	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	321308	30.083	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.475	132	459262	32.600	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	456524	33.096	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	220591	38.176	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	243535	45.122	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	472567	35.898	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	550931	30.948	ng/ul	0.00
46) Dimethylphthalate-d6	13.992	166	1302259	32.806	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	1602018	32.113	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	231161	36.292	ng/ul	0.00
60) Fluorene-d10	15.574	176	1115866	33.590	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	137223	27.801	ng/ul	0.00
73) Anthracene-d10	17.433	188	1706081	32.613	ng/ul	0.00
81) Pyrene-d10	19.668	212	2097851	33.482	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.709	264	2166164	32.890	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	61859	9.795	ng/uL	93
5) Pyridine	3.804	79	437897	28.489	ng/ul	97
6) Benzaldehyde	7.075	77	342028	33.993	ng/ul	99
8) Phenol	7.134	94	576827	31.505	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.363	93	445607	30.157	ng/ul	99
12) 2-Chlorophenol	7.510	128	462656	31.989	ng/ul	96
13) 2-Methylphenol	8.387	108	428169	31.046	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.475	45	508129	26.985	ng/ul	98
16) Acetophenone	8.763	105	644286	30.534	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.757	70	309705	28.370	ng/ul	94
18) 4-Methylphenol	8.722	108	460928	31.378	ng/ul	96
19) Hexachloroethane	9.028	117	178735	29.517	ng/ul	92
22) Nitrobenzene	9.145	77	487551	32.863	ng/ul	95
23) Isophorone	9.675	82	910322	29.310	ng/ul	97
25) 2-Nitrophenol	9.857	139	251626	40.220	ng/ul	96
26) 2,4-Dimethylphenol	9.922	107	484441	30.328	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.157	93	576708	29.967	ng/ul	99
29) 2,4-Dichlorophenol	10.398	162	449443	34.735	ng/ul	98
30) Naphthalene	10.798	128	1358278	30.588	ng/ul	100
32) 4-Chloroaniline	10.904	127	556848	30.913	ng/ul	98
33) Hexachlorobutadiene	11.098	225	312147	34.361	ng/ul	98
34) Caprolactam	11.681	113	138633m	40.845	ng/ul	
35) 4-Chloro-3-methylphenol	12.033	107	475356	33.819	ng/ul	98
36) 2-Methylnaphthalene	12.410	142	946556	31.189	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	938758	30.556	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.775	216	559152	33.714	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	194013	18.552	ng/ul	100
41) 2,4,6-Trichlorophenol	13.016	196	370174	37.957	ng/ul	98
42) 2,4,5-Trichlorophenol	13.086	196	405554	39.943	ng/ul	98
43) 1,1'-Biphenyl	13.416	154	1260461	30.821	ng/ul	98
44) 2-Chloronaphthalene	13.457	162	987017	31.335	ng/ul	99
45) 2-Nitroaniline	13.657	65	279101	38.111	ng/ul	92
47) Dimethylphthalate	14.039	163	1241487	31.487	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	262623	40.166	ng/ul	95
50) Acenaphthylene	14.304	152	1556879	30.953	ng/ul	99
51) 3-Nitroaniline	14.480	138	268543	36.860	ng/ul#	94
52) Acenaphthene	14.645	153	1011631	31.060	ng/ul	99
53) 2,4-Dinitrophenol	14.686	184	66953	22.167	ng/ul	97
55) 4-Nitrophenol	14.792	109	197809	34.375	ng/ul	93
56) Dibenzofuran	14.980	168	1489207	31.489	ng/ul	100
57) 2,4-Dinitrotoluene	14.939	165	367825	40.052	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.210	232	333149	39.541	ng/ul	93
59) Diethylphthalate	15.410	149	1220923	31.056	ng/ul	98
61) Fluorene	15.633	166	1137806	31.754	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.627	204	604646	33.141	ng/ul	100
63) 4-Nitroaniline	15.645	138	262669	40.669	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.704	198	132925	26.034	ng/ul	97
67) N-Nitrosodiphenylamine	15.839	169	1033453	31.162	ng/ul	99
68) 4-Bromophenyl-phenylether	16.521	248	392206	35.345	ng/ul	97
69) Hexachlorobenzene	16.639	284	452263	33.883	ng/ul	99
70) Atrazine	16.798	200	394991	31.461	ng/ul	98
71) Pentachlorophenol	16.986	266	274559	37.159	ng/ul	99
72) Phenanthrene	17.380	178	1930059	31.342	ng/ul	100
74) Anthracene	17.468	178	1893494	30.743	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.380	216	564025	31.569	ng/uL	99
76) Pentachlorobenzene	14.904	250	533913	32.058	ng/uL	100
77) Carbazole	17.739	167	1764445	32.614	ng/ul	99
78) Di-n-butylphthalate	18.298	149	2117191	31.855	ng/ul	99
80) Fluoranthene	19.345	202	2410058	31.000	ng/ul	97
82) Pyrene	19.698	202	2412588	30.774	ng/ul	96
83) Butylbenzylphthalate	20.568	149	1000614	34.764	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.333	252	721340	30.250	ng/ul#	98
85) Benzo(a)anthracene	21.404	228	2470168	32.077	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	1414955	32.155	ng/ul	99
87) Chrysene	21.462	228	2357175	31.598	ng/ul	100
89) Di-n-octyl phthalate	22.280	149	2561421	34.295	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	2623955	32.571	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	2460842	32.760	ng/ul	99
93) Benzo(a)pyrene	23.762	252	2540406	32.966	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	3014564	33.768	ng/ul	98
95) Dibenzo(a,h)anthracene	26.444	278	2567556	33.776	ng/ul	99
96) Benzo(g,h,i)perylene	27.215	276	2592718	33.722	ng/ul	96

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

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