Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007586.D
Acq On : 22 Oct 2021 12:59
Operator : CG/JU
Sample : PB140090BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS090

Manual Integrations APPROVED
mohammad
10/25/2021 1:45:06 PM

Quant Time: Oct 22 14:19:49 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	194341	20.000	ng/ul	0.00
20) Naphthalene-d8	10.758	136	783898	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	491876	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.340	188	1037045	20.000	ng/ul	0.00
79) Chrysene-d12	21.428	240	1042196	20.000	ng/ul	0.00
88) Perylene-d12	23.874	264	1104821	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	26332	5.351	ng/uL	0.00
4) Pyridine-d5	3.787	84	388068	28.811	ng/ul	0.00
7) Phenol-d5	7.111	99	471174	31.045	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	267733	29.577	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	378907	31.735	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	378475	32.375	ng/ul	0.00
21) Nitrobenzene-d5	9.111	128	177129	35.705	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	184148	39.740	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	378415	33.482	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	456309	29.856	ng/ul	0.00
46) Dimethylphthalate-d6	13.999	166	1067718	31.376	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	1307408	30.571	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	189363	34.679	ng/ul	0.00
60) Fluorene-d10	15.581	176	917104	32.204	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	136533	32.857	ng/ul	0.00
73) Anthracene-d10	17.440	188	1403995	31.879	ng/ul	0.00
81) Pyrene-d10	19.675	212	1690785	32.452	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.722	264	1679570	30.552	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	55270	10.326	ng/uL	91
5) Pyridine	3.811	79	388351	29.811	ng/ul	98
6) Benzaldehyde	7.081	77	283377	33.231	ng/ul	98
8) Phenol	7.134	94	477460	30.770	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.369	93	376294	30.048	ng/ul	97
12) 2-Chlorophenol	7.511	128	382769	31.227	ng/ul	98
13) 2-Methylphenol	8.393	108	356502	30.500	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	440106	27.578	ng/ul	99
16) Acetophenone	8.769	105	542594	30.341	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.764	70	265714	28.720	ng/ul	94
18) 4-Methylphenol	8.722	108	385708	30.982	ng/ul	98
19) Hexachloroethane	9.040	117	149843	29.198	ng/ul	90
22) Nitrobenzene	9.152	77	408258	32.052	ng/ul	97
23) Isophorone	9.681	82	759977	28.501	ng/ul	99
25) 2-Nitrophenol	9.863	139	198059	36.874	ng/ul	95
26) 2,4-Dimethylphenol	9.928	107	421852	30.761	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.163	93	488074	29.540	ng/ul	98
29) 2,4-Dichlorophenol	10.399	162	364540	32.815	ng/ul	98
30) Naphthalene	10.805	128	1138003	29.850	ng/ul	100
32) 4-Chloroaniline	10.910	127	454258	29.373	ng/ul	100
33) Hexachlorobutadiene	11.105	225	253226	32.468	ng/ul	99
34) Caprolactam	11.681	113	108941m	37.385	ng/ul	
35) 4-Chloro-3-methylphenol	12.034	107	384818	31.888	ng/ul	99
36) 2-Methylnaphthalene	12.416	142	781513	29.994	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	787038	29.838	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.787	216	456363	32.098	ng/ul#	97
40) Hexachlorocyclopentadiene	12.769	237	213134	23.774	ng/ul	99
41) 2,4,6-Trichlorophenol	13.022	196	295692	35.368	ng/ul	98
42) 2,4,5-Trichlorophenol	13.093	196	318007	36.535	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	1050026	29.951	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	809567	29.980	ng/ul	99
45) 2-Nitroaniline	13.657	65	222201	35.393	ng/ul	97
47) Dimethylphthalate	14.046	163	1017282	30.096	ng/ul	99
48) 2,6-Dinitrotoluene	14.157	165	200246	35.725	ng/ul	95
50) Acenaphthylene	14.310	152	1293595	30.001	ng/ul	100
51) 3-Nitroaniline	14.481	138	209030	33.468	ng/ul#	96
52) Acenaphthene	14.651	153	832870	29.829	ng/ul	99
53) 2,4-Dinitrophenol	14.687	184	84130	32.492	ng/ul	93
55) 4-Nitrophenol	14.787	109	158185	32.066	ng/ul	98
56) Dibenzofuran	14.987	168	1229178	30.319	ng/ul	99
57) 2,4-Dinitrotoluene	14.946	165	291015	36.965	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.210	232	260829	36.112	ng/ul	99
59) Diethylphthalate	15.416	149	1008941	29.937	ng/ul	99
61) Fluorene	15.634	166	940708	30.625	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	493141	31.530	ng/ul	98
63) 4-Nitroaniline	15.645	138	203241	36.707	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.710	198	134793	31.359	ng/ul	95
67) N-Nitrosodiphenylamine	15.845	169	851136	30.485	ng/ul	99
68) 4-Bromophenyl-phenylether	16.528	248	310443	33.232	ng/ul	98
69) Hexachlorobenzene	16.645	284	356157	31.695	ng/ul	99
70) Atrazine	16.804	200	314415	29.747	ng/ul	99
71) Pentachlorophenol	16.992	266	218302	35.094	ng/ul	99
72) Phenanthrene	17.387	178	1591669	30.701	ng/ul	99
74) Anthracene	17.475	178	1572843	30.333	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.387	216	462159	30.726	ng/uL	99
76) Pentachlorobenzene	14.910	250	435026	31.026	ng/uL	99
77) Carbazole	17.740	167	1461261	32.082	ng/ul	100
78) Di-n-butylphthalate	18.304	149	1713963	30.632	ng/ul	99
80) Fluoranthene	19.345	202	1960195	30.322	ng/ul	100
82) Pyrene	19.698	202	1965077	30.144	ng/ul	100
83) Butylbenzylphthalate	20.581	149	776159	32.429	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.339	252	616338	31.083	ng/ul	98
85) Benzo(a)anthracene	21.410	228	1966623	30.712	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	1135655	31.036	ng/ul	98
87) Chrysene	21.469	228	1885433	30.395	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	1980595	31.770	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	2122341	31.562	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	1862578	29.706	ng/ul	99
93) Benzo(a)pyrene	23.774	252	1999868	31.092	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.445	276	2333753	31.320	ng/ul	99
95) Dibenzo(a,h)anthracene	26.463	278	1994551	31.435	ng/ul	99
96) Benzo(g,h,i)perylene	27.227	276	2005447	31.250	ng/ul	97

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

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