Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041822\
Data File : BP009947.D
Acq On : 19 Apr 2022 09:32
Operator : CG/JU
Sample : PB144146BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS146

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/20/2022
Supervised By :Yogesh Patel 04/22/2022

Quant Time: Apr 20 00:58:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 18 00:59:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	133106	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	627072	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.581	164	447084	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.333	188	967085	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.421	240	820755	20.000	ng/ul	# 0.00
88) Perylene-d12	23.880	264	677667	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	16414	5.504	ng/uL	0.00
4) Pyridine-d5	3.793	84	234239	28.486	ng/ul	0.00
7) Phenol-d5	7.110	99	373352	31.949	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	232795	33.462	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	297540	33.755	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	323454	33.157	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	157978	34.935	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	148600	29.974	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.375	165	334675	32.260	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	353596	23.931	ng/ul	0.00
46) Dimethylphthalate-d6	13.992	166	1144437	32.587	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	1277854	30.713	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.769	143	117745	18.487	ng/ul	0.00
60) Fluorene-d10	15.575	176	959486	32.477	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	108153	18.878	ng/ul	0.00
73) Anthracene-d10	17.433	188	1485734	32.087	ng/ul	0.00
81) Pyrene-d10	19.663	212	1816381	40.521	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	1108938	31.423	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	31870	10.482	ng/uL#	20
5) Pyridine	3.811	79	236542	27.570	ng/ul#	35
6) Benzaldehyde	7.081	77	236152	32.951	ng/ul	97
8) Phenol	7.134	94	386614	33.052	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.369	93	295147	32.393	ng/ul#	79
12) 2-Chlorophenol	7.510	128	294975	33.192	ng/ul	94
13) 2-Methylphenol	8.393	108	294664	32.305	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.481	45	425827	31.617	ng/ul#	86
16) Acetophenone	8.775	105	503822	32.780	ng/ul#	82
17) N-Nitroso-di-n-propyla...	8.763	70	250487	31.435	ng/ul#	73
18) 4-Methylphenol	8.722	108	326247	33.029	ng/ul	97
19) Hexachloroethane	9.040	117	112023	29.856	ng/ul	83
22) Nitrobenzene	9.152	77	384303	33.110	ng/ul#	85
23) Isophorone	9.681	82	744153	31.113	ng/ul	96
25) 2-Nitrophenol	9.863	139	156090	29.520	ng/ul#	84
26) 2,4-Dimethylphenol	9.928	107	374147	29.817	ng/ul#	81
27) Bis(2-Chloroethoxy)met...	10.163	93	426938	30.404	ng/ul#	98
29) 2,4-Dichlorophenol	10.404	162	325427	32.356	ng/ul#	83
30) Naphthalene	10.810	128	1033230	32.038	ng/ul	96
32) 4-Chloroaniline	10.910	127	339378	23.210	ng/ul	97
33) Hexachlorobutadiene	11.104	225	220106	30.386	ng/ul	96
34) Caprolactam	11.687	113	64433m	19.372	ng/ul	
35) 4-Chloro-3-methylphenol	12.034	107	367569m	30.161	ng/ul	
36) 2-Methylnaphthalene	12.416	142	748044	31.749	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	771885	32.446	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.781	216	439080	32.100	ng/ul#	94
40) Hexachlorocyclopentadiene	12.769	237	185589	19.552	ng/ul	96
41) 2,4,6-Trichlorophenol	13.016	196	273238	31.279	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.092	196	285099	30.201	ng/ul#	85
43) 1,1'-Biphenyl	13.422	154	1060729	32.517	ng/ul	94
44) 2-Chloronaphthalene	13.457	162	821424	32.759	ng/ul	95
45) 2-Nitroaniline	13.657	65	238136	32.406	ng/ul#	82
47) Dimethylphthalate	14.039	163	1092588	32.324	ng/ul#	92
48) 2,6-Dinitrotoluene	14.151	165	219305	35.273	ng/ul	95
50) Acenaphthylene	14.304	152	1306181	31.812	ng/ul	95
51) 3-Nitroaniline	14.481	138	169057	26.156	ng/ul#	81
52) Acenaphthene	14.645	153	847526	31.526	ng/ul	97
53) 2,4-Dinitrophenol	14.681	184	40866	10.874	ng/ul#	85
55) 4-Nitrophenol	14.781	109	103568	17.665	ng/ul#	45
56) Dibenzofuran	14.981	168	1276312	32.258	ng/ul	100
57) 2,4-Dinitrotoluene	14.939	165	298221	32.666	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.204	232	275624	32.022	ng/ul#	87
59) Diethylphthalate	15.404	149	1126845	32.213	ng/ul	94
61) Fluorene	15.634	166	1014127	31.118	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.628	204	547600	31.601	ng/ul	99
63) 4-Nitroaniline	15.639	138	151869	23.459	ng/ul#	74
66) 4,6-Dinitro-2-methylph...	15.704	198	104339	18.322	ng/ul#	91
67) N-Nitrosodiphenylamine	15.834	169	833900	30.123	ng/ul	94
68) 4-Bromophenyl-phenylether	16.522	248	339002	32.384	ng/ul	94
69) Hexachlorobenzene	16.645	284	408160	33.908	ng/ul#	92
70) Atrazine	16.792	200	337815	29.564	ng/ul#	90
71) Pentachlorophenol	16.986	266	222320	27.286	ng/ul#	83
72) Phenanthrene	17.375	178	1699674	32.926	ng/ul	98
74) Anthracene	17.469	178	1650248	31.531	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.387	216	470651	33.661	ng/uL#	87
76) Pentachlorobenzene	14.904	250	458683	33.656	ng/uL	90
77) Carbazole	17.733	167	1315718	27.818	ng/ul#	96
78) Di-n-butylphthalate	18.286	149	1971427	33.896	ng/ul#	92
80) Fluoranthene	19.339	202	2072742	40.173	ng/ul#	96
82) Pyrene	19.692	202	2102068	40.183	ng/ul#	94
83) Butylbenzylphthalate	20.563	149	770842	35.920	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.327	252	139310	7.965	ng/ul#	95
85) Benzo(a)anthracene	21.404	228	1641234	31.543	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.327	149	1250869	38.751	ng/ul#	82
87) Chrysene	21.457	228	1719096	34.244	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	1823856	38.414	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1549909	34.424	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	1389636	33.824	ng/ul	97
93) Benzo(a)pyrene	23.768	252	1314953	31.507	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.451	276	1049193	24.041	ng/ul	96
95) Dibenzo(a,h)anthracene	26.468	278	708454	18.721	ng/ul#	95
96) Benzo(g,h,i)perylene	27.239	276	1113877	30.954	ng/ul	93

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

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