Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121522\
Data File : BP013112.D
Acq On : 15 Dec 2022 09:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 16 05:37:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 03:29:24 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.957	152	529138	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	2214870	20.000	ng		0.00
39) Acenaphthene-d10	14.598	164	1489630	20.000	ng		0.00
64) Phenanthrene-d10	17.357	188	3364138	20.000	ng		0.00
76) Chrysene-d12	21.445	240	3125414	20.000	ng		0.00
86) Perylene-d12	23.921	264	2869077	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.511	112	2160185	74.592	ng		0.00
7) Phenol-d6	7.116	99	3036234	80.281	ng		0.00
23) Nitrobenzene-d5	9.128	82	3065300	75.872	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	1510215	84.086	ng		0.00
45) 2-Fluorobiphenyl	13.222	172	7685204	70.050	ng		0.00
79) Terphenyl-d14	19.904	244	11464049	72.365	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	452605	35.273	ng		97
3) Pyridine	3.787	79	1389030	38.117	ng		98
4) n-Nitrosodimethylamine	3.693	42	643717	39.417	ng		93
6) Aniline	7.281	93	1848498	40.362	ng		98
8) 2-Chlorophenol	7.522	128	1299006	38.049	ng		99
9) Benzaldehyde	7.093	77	853993	37.634	ng		97
10) Phenol	7.146	94	1679929	39.684	ng		97
11) bis(2-Chloroethyl)ether	7.381	93	1324275	38.856	ng		98
12) 1,3-Dichlorobenzene	7.846	146	1455189	36.635	ng		99
13) 1,4-Dichlorobenzene	7.993	146	1488466	36.795	ng		99
14) 1,2-Dichlorobenzene	8.316	146	1428176	37.197	ng		98
15) Benzyl Alcohol	8.199	79	1176306	42.876	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.493	45	2030937m	41.143	ng		
17) 2-Methylphenol	8.404	107	1148456	41.044	ng		100
18) Hexachloroethane	9.046	117	517047	37.742	ng		95
19) n-Nitroso-di-n-propyla...	8.775	70	1101486	44.844	ng		100
20) 3+4-Methylphenols	8.734	107	1605458	42.203	ng		99
22) Acetophenone	8.787	105	2071244	37.580	ng	#	98
24) Nitrobenzene	9.169	77	1578905	37.498	ng		99
25) Isophorone	9.699	82	2816139	41.041	ng		99
26) 2-Nitrophenol	9.881	139	732038	35.007	ng		97
27) 2,4-Dimethylphenol	9.940	122	1112428	38.314	ng		99
28) bis(2-Chloroethoxy)met...	10.181	93	1711565	38.900	ng		99
29) 2,4-Dichlorophenol	10.416	162	1372056	38.290	ng		98
30) 1,2,4-Trichlorobenzene	10.634	180	1499613	35.457	ng		99
31) Naphthalene	10.822	128	4413379	36.391	ng		100
32) Benzoic acid	10.081	122	932828	38.332	ng		96
33) 4-Chloroaniline	10.934	127	1827774	40.411	ng		99
34) Hexachlorobutadiene	11.104	225	939984	34.840	ng		99
35) Caprolactam	11.734	113	434939	47.011	ng		95
36) 4-Chloro-3-methylphenol	12.051	107	1434127	42.849	ng		98
37) 2-Methylnaphthalene	12.428	142	3220979	39.492	ng		99
38) 1-Methylnaphthalene	12.645	142	3139769	39.532	ng		99
40) 1,2,4,5-Tetrachloroben...	12.792	216	1777256	33.443	ng		99
41) Hexachlorocyclopentadiene	12.775	237	833067	31.089	ng		99
43) 2,4,6-Trichlorophenol	13.034	196	1225323	36.564	ng		100

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Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	1357656	37.498	ng	99
46) 1,1'-Biphenyl	13.434	154	4134161	35.100	ng	99
47) 2-Chloronaphthalene	13.481	162	3272584	34.958	ng	100
48) 2-Nitroaniline	13.687	65	977355	39.081	ng	100
49) Acenaphthylene	14.322	152	5185348	37.655	ng	100
50) Dimethylphthalate	14.057	163	4312583	39.580	ng	99
51) 2,6-Dinitrotoluene	14.181	165	925562	41.511	ng	99
52) Acenaphthene	14.663	154	3146485	36.755	ng	100
53) 3-Nitroaniline	14.510	138	991173	40.600	ng	97
54) 2,4-Dinitrophenol	14.716	184	561802	39.906	ng	99
55) Dibenzofuran	14.998	168	5147808	37.575	ng	100
56) 4-Nitrophenol	14.810	139	815266	43.754	ng	99
57) 2,4-Dinitrotoluene	14.963	165	1262762	41.919	ng	95
58) Fluorene	15.651	166	4162455	39.255	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.228	232	1259423	40.693	ng	99
60) Diethylphthalate	15.422	149	4267591	42.605	ng	100
61) 4-Chlorophenyl-phenyle...	15.639	204	2134465	38.895	ng	98
62) 4-Nitroaniline	15.675	138	1020037	43.656	ng	97
63) Azobenzene	15.933	77	3919080	42.100	ng	97
65) 4,6-Dinitro-2-methylph...	15.728	198	798207	36.934	ng	94
66) n-Nitrosodiphenylamine	15.857	169	3625311	34.515	ng	99
67) 4-Bromophenyl-phenylether	16.539	248	1388901	34.915	ng	98
68) Hexachlorobenzene	16.657	284	1594784	34.240	ng	98
69) Atrazine	16.810	200	1223826	41.527	ng	99
70) Pentachlorophenol	17.004	266	1038104	37.846	ng	100
71) Phenanthrene	17.398	178	6774697	35.390	ng	99
72) Anthracene	17.492	178	6541139	36.398	ng	99
73) Carbazole	17.763	167	6053947	38.426	ng	100
74) Di-n-butylphthalate	18.304	149	7264626	41.922	ng	100
75) Fluoranthene	19.363	202	8078643	39.209	ng	99
77) Benzidine	19.539	184	2126584	47.903	ng	100
78) Pyrene	19.716	202	8377079	37.302	ng	99
80) Butylbenzylphthalate	20.580	149	3197856	40.121	ng	97
81) Benzo(a)anthracene	21.427	228	8110436	37.965	ng	99
82) 3,3'-Dichlorobenzidine	21.357	252	2613221	41.079	ng	99
83) Chrysene	21.480	228	7684705	36.878	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	4477397	40.875	ng	100
85) Di-n-octyl phthalate	22.286	149	6925832	38.892	ng	100
87) Indeno(1,2,3-cd)pyrene	26.527	276	7049909	30.073	ng	100
88) Benzo(b)fluoranthene	23.163	252	7202708	38.991	ng	100
89) Benzo(k)fluoranthene	23.215	252	6976740	37.334	ng	99
90) Benzo(a)pyrene	23.815	252	5669520	36.572	ng	99
91) Dibenzo(a,h)anthracene	26.539	278	5876007	30.160	ng	100
92) Benzo(g,h,i)perylene	27.321	276	5570350	28.857	ng	99

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

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