Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
Data File : BP014083.D
Acq On : 14 Mar 2023 14:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023

Quant Time: Mar 15 04:06:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 04:15:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.075	152	200360	20.000	ng		0.00
21) Naphthalene-d8	10.905	136	777785	20.000	ng		0.00
39) Acenaphthene-d10	14.716	164	498439	20.000	ng		0.00
64) Phenanthrene-d10	17.475	188	1108580	20.000	ng	#	0.00
76) Chrysene-d12	21.557	240	982255	20.000	ng		0.01
86) Perylene-d12	24.098	264	875351	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.617	112	1015422	82.190	ng		0.00
7) Phenol-d6	7.234	99	1383641	85.301	ng		0.00
23) Nitrobenzene-d5	9.258	82	1462562	85.946	ng		0.00
42) 2,4,6-Tribromophenol	16.210	330	675547	83.592	ng		0.00
45) 2-Fluorobiphenyl	13.340	172	3178727	82.624	ng		0.00
79) Terphenyl-d14	20.010	244	4970356	83.439	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.470	88	220869	41.152	ng		96
3) Pyridine	3.887	79	641732	43.054	ng		97
4) n-Nitrosodimethylamine	3.793	42	284095	42.939	ng		96
6) Aniline	7.399	93	923291	43.332	ng		97
8) 2-Chlorophenol	7.640	128	548094	41.421	ng		96
9) Benzaldehyde	7.211	77	328857	40.514	ng		98
10) Phenol	7.258	94	726007	43.005	ng		100
11) bis(2-Chloroethyl)ether	7.493	93	588938	44.060	ng		98
12) 1,3-Dichlorobenzene	7.963	146	599801	41.250	ng		100
13) 1,4-Dichlorobenzene	8.111	146	603603	41.032	ng		98
14) 1,2-Dichlorobenzene	8.434	146	579747	41.147	ng		99
15) Benzyl Alcohol	8.322	79	591502	44.726	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.605	45	743304m	51.078	ng		
17) 2-Methylphenol	8.522	107	524242	43.542	ng		99
18) Hexachloroethane	9.163	117	233044	42.171	ng		95
19) n-Nitroso-di-n-propyla...	8.893	70	516484	48.375	ng		98
20) 3+4-Methylphenols	8.852	107	718516	44.312	ng		99
22) Acetophenone	8.911	105	923874	42.347	ng	#	99
24) Nitrobenzene	9.299	77	752699	43.229	ng		99
25) Isophorone	9.828	82	1404879	44.804	ng		98
26) 2-Nitrophenol	10.010	139	318290	42.026	ng		98
27) 2,4-Dimethylphenol	10.063	122	524704	42.608	ng		98
28) bis(2-Chloroethoxy)met...	10.305	93	807392	44.489	ng		99
29) 2,4-Dichlorophenol	10.546	162	558561	41.435	ng		97
30) 1,2,4-Trichlorobenzene	10.763	180	603081	39.406	ng		98
31) Naphthalene	10.952	128	1792431	41.940	ng		99
32) Benzoic acid	10.234	122	388569	38.634	ng		91
33) 4-Chloroaniline	11.063	127	788322	43.028	ng		97
34) Hexachlorobutadiene	11.228	225	419042	37.660	ng		100
35) Caprolactam	11.875	113	184028	47.693	ng		88
36) 4-Chloro-3-methylphenol	12.175	107	672582	44.737	ng		97
37) 2-Methylnaphthalene	12.551	142	1316006	41.738	ng		97
38) 1-Methylnaphthalene	12.769	142	1239949	42.188	ng		100
40) 1,2,4,5-Tetrachloroben...	12.916	216	748665	39.405	ng		99
41) Hexachlorocyclopentadiene	12.893	237	453770	38.057	ng		100
43) 2,4,6-Trichlorophenol	13.151	196	500986	41.717	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	584987	42.037	ng	99
46) 1,1'-Biphenyl	13.551	154	1680549	41.888	ng	98
47) 2-Chloronaphthalene	13.599	162	1288661	41.724	ng	100
48) 2-Nitroaniline	13.804	65	464842	49.593	ng	98
49) Acenaphthylene	14.445	152	2097885	42.713	ng	100
50) Dimethylphthalate	14.175	163	1776244	43.196	ng	99
51) 2,6-Dinitrotoluene	14.293	165	385922	44.567	ng	96
52) Acenaphthene	14.781	154	1262511	42.701	ng	99
53) 3-Nitroaniline	14.628	138	372855	43.935	ng	94
54) 2,4-Dinitrophenol	14.834	184	249443	40.434	ng	96
55) Dibenzofuran	15.116	168	2058678	42.710	ng	98
56) 4-Nitrophenol	14.928	139	297386	43.033	ng	94
57) 2,4-Dinitrotoluene	15.081	165	532130	45.971	ng	99
58) Fluorene	15.769	166	1644375	42.964	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.340	232	504488	41.555	ng	96
60) Diethylphthalate	15.528	149	1798855	44.307	ng	100
61) 4-Chlorophenyl-phenyle...	15.757	204	895197	41.260	ng	98
62) 4-Nitroaniline	15.798	138	401558	47.520	ng	91
63) Azobenzene	16.051	77	1808307	48.134	ng	97
65) 4,6-Dinitro-2-methylph...	15.845	198	344273	41.927	ng	96
66) n-Nitrosodiphenylamine	15.975	169	1467344	41.888	ng	99
67) 4-Bromophenyl-phenylether	16.651	248	577952	39.414	ng	96
68) Hexachlorobenzene	16.775	284	616325	39.212	ng	98
69) Atrazine	16.928	200	516801	42.021	ng	99
70) Pentachlorophenol	17.122	266	474379	41.848	ng	100
71) Phenanthrene	17.516	178	2594102	41.887	ng	99
72) Anthracene	17.610	178	2657180	41.991	ng	99
73) Carbazole	17.875	167	2338933	42.849	ng	99
74) Di-n-butylphthalate	18.404	149	3031416	44.418	ng	99
75) Fluoranthene	19.469	202	3136248	42.368	ng	98
77) Benzidine	19.645	184	782506	38.176	ng	100
78) Pyrene	19.828	202	3188836	42.297	ng	100
80) Butylbenzylphthalate	20.680	149	1284046	44.924	ng	99
81) Benzo(a)anthracene	21.539	228	3055555	42.396	ng	100
82) 3,3'-Dichlorobenzidine	21.463	252	943053	40.894	ng	99
83) Chrysene	21.592	228	2874983	42.123	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	1841794	43.924	ng	98
85) Di-n-octyl phthalate	22.404	149	2838567	41.704	ng	98
87) Indeno(1,2,3-cd)pyrene	26.780	276	2446959	36.178	ng	97
88) Benzo(b)fluoranthene	23.316	252	2491369	43.465	ng	99
89) Benzo(k)fluoranthene	23.369	252	2586521	45.513	ng	99
90) Benzo(a)pyrene	23.986	252	2325287	42.532	ng	99
91) Dibenzo(a,h)anthracene	26.792	278	2047026	36.405	ng	98
92) Benzo(g,h,i)perylene	27.604	276	1955044	35.084	ng	98

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

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