Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
Data File : BP019906.D
Acq On : 27 Feb 2024 20:32
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

Quant Time: Feb 28 00:59:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 02:05:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	93216	20.000	ng		0.00
21) Naphthalene-d8	10.698	136	388821	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	299717	20.000	ng		0.00
64) Phenanthrene-d10	17.298	188	916194	20.000	ng		0.00
76) Chrysene-d12	21.404	240	646718	20.000	ng		0.00
86) Perylene-d12	23.821	264	564807	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	439213	77.338	ng		0.00
7) Phenol-d6	7.069	99	633851	74.964	ng		0.00
23) Nitrobenzene-d5	9.075	82	718960	74.650	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	543150	105.689	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	1855769	83.657	ng		0.00
79) Terphenyl-d14	19.874	244	3727754	90.851	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	72833	37.079	ng		100
3) Pyridine	3.775	79	233171m	38.810	ng		
4) n-Nitrosodimethylamine	3.699	42	101368	40.944	ng		97
6) Aniline	7.234	93	379817	36.618	ng		99
8) 2-Chlorophenol	7.457	128	238939	39.016	ng		100
9) Benzaldehyde	7.046	77	182799	37.876	ng		96
10) Phenol	7.099	94	309318	36.687	ng		98
11) bis(2-Chloroethyl)ether	7.334	93	246596	37.135	ng		99
12) 1,3-Dichlorobenzene	7.781	146	265675	39.957	ng		100
13) 1,4-Dichlorobenzene	7.928	146	270829	40.224	ng		99
14) 1,2-Dichlorobenzene	8.246	146	267334	39.580	ng		98
15) Benzyl Alcohol	8.152	79	281584	37.749	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.434	45	246211	34.727	ng		99
17) 2-Methylphenol	8.346	107	237643	37.688	ng		98
18) Hexachloroethane	8.963	117	102333	39.222	ng		96
19) n-Nitroso-di-n-propyla...	8.722	70	238570	37.349	ng		98
20) 3+4-Methylphenols	8.681	107	332267	36.672	ng		97
22) Acetophenone	8.734	105	433936	35.934	ng	#	99
24) Nitrobenzene	9.116	77	344491	36.946	ng		97
25) Isophorone	9.640	82	633434	37.786	ng		99
26) 2-Nitrophenol	9.816	139	152470	40.867	ng		98
27) 2,4-Dimethylphenol	9.881	122	243932	39.605	ng		99
28) bis(2-Chloroethoxy)met...	10.128	93	360535	38.538	ng		98
29) 2,4-Dichlorophenol	10.351	162	283118	41.211	ng		99
30) 1,2,4-Trichlorobenzene	10.557	180	316124	41.885	ng		99
31) Naphthalene	10.751	128	829169	39.829	ng		99
32) Benzoic acid	10.063	122	214027	41.015	ng		96
33) 4-Chloroaniline	10.869	127	371961	39.326	ng		99
34) Hexachlorobutadiene	11.016	225	237563	43.284	ng		99
35) Caprolactam	11.698	113	94284	37.215	ng		97
36) 4-Chloro-3-methylphenol	11.998	107	332365	39.219	ng		98
37) 2-Methylnaphthalene	12.363	142	654721	40.513	ng		99
38) 1-Methylnaphthalene	12.581	142	609365	39.849	ng		98
40) 1,2,4,5-Tetrachloroben...	12.722	216	439879	42.965	ng		99
41) Hexachlorocyclopentadiene	12.693	237	180206	33.994	ng		99
43) 2,4,6-Trichlorophenol	12.975	196	286308	42.354	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	337120	41.866	ng	97
46) 1,1'-Biphenyl	13.375	154	876244	40.831	ng	99
47) 2-Chloronaphthalene	13.416	162	680064	40.828	ng	99
48) 2-Nitroaniline	13.634	65	235533	39.124	ng	98
49) Acenaphthylene	14.263	152	1086933	40.278	ng	100
50) Dimethylphthalate	14.016	163	970226	39.655	ng	100
51) 2,6-Dinitrotoluene	14.139	165	212299	40.317	ng	99
52) Acenaphthene	14.604	154	658846	40.661	ng	98
53) 3-Nitroaniline	14.469	138	206707	39.656	ng	99
54) 2,4-Dinitrophenol	14.681	184	131694	38.366	ng	99
55) Dibenzofuran	14.939	168	1136300	41.090	ng	100
56) 4-Nitrophenol	14.781	139	166039	40.720	ng	97
57) 2,4-Dinitrotoluene	14.928	165	306843	40.944	ng	98
58) Fluorene	15.592	166	1200733	53.537	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	320901	43.436	ng	96
60) Diethylphthalate	15.381	149	1033971	42.776	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	690689	53.849	ng	99
62) 4-Nitroaniline	15.639	138	302339m	55.687	ng	
63) Azobenzene	15.886	77	1267746	56.339	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	251644	40.467	ng	95
66) n-Nitrosodiphenylamine	15.816	169	1064614	40.496	ng	100
67) 4-Bromophenyl-phenylether	16.492	248	460778	40.674	ng	98
68) Hexachlorobenzene	16.592	284	486629	39.831	ng	98
69) Atrazine	16.781	200	440767	40.070	ng	99
70) Pentachlorophenol	16.945	266	366577	40.593	ng	99
71) Phenanthrene	17.345	178	1939716	39.664	ng	99
72) Anthracene	17.439	178	1996537	39.993	ng	100
73) Carbazole	17.716	167	1691825	38.264	ng	99
74) Di-n-butylphthalate	18.269	149	2031706	36.741	ng	99
75) Fluoranthene	19.316	202	1926375	30.353	ng	100
77) Benzidine	19.510	184	796908	42.898	ng	100
78) Pyrene	19.669	202	1964144	44.204	ng	99
80) Butylbenzylphthalate	20.557	149	778681	43.824	ng	98
81) Benzo(a)anthracene	21.386	228	1854553	40.399	ng	100
82) 3,3'-Dichlorobenzidine	21.321	252	717276	40.739	ng	99
83) Chrysene	21.439	228	1719720	39.979	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	1127100	44.189	ng	99
85) Di-n-octyl phthalate	22.263	149	1755345	41.353	ng	99
87) Indeno(1,2,3-cd)pyrene	26.356	276	1518212	38.182	ng	99
88) Benzo(b)fluoranthene	23.080	252	1494489	43.159	ng	99
89) Benzo(k)fluoranthene	23.133	252	1398806	41.189	ng	100
90) Benzo(a)pyrene	23.715	252	1338560	40.449	ng	100
91) Dibenzo(a,h)anthracene	26.380	278	1267932	37.931	ng	100
92) Benzo(g,h,i)perylene	27.133	276	1239798	38.421	ng	98

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

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