Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019941.D
Acq On : 29 Feb 2024 17:24
Operator : MA/JU
Sample : P1639-11MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-6MSD

Quant Time: Feb 29 17:51:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 29 12:18:35 2024
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	70732	20.000	ng		-0.02
21) Naphthalene-d8	10.699	136	274140	20.000	ng		#-0.02
39) Acenaphthene-d10	14.540	164	197501	20.000	ng		-0.02
64) Phenanthrene-d10	17.304	188	470027	20.000	ng		-0.02
76) Chrysene-d12	21.410	240	504115	20.000	ng		-0.02
86) Perylene-d12	23.839	264	536206	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.470	112	385577	89.475	ng		-0.01
7) Phenol-d6	7.069	99	533984	83.227	ng		-0.02
23) Nitrobenzene-d5	9.063	82	350671	51.642	ng		-0.02
42) 2,4,6-Tribromophenol	16.045	330	339038	100.116	ng		-0.02
45) 2-Fluorobiphenyl	13.163	172	848325	58.034	ng		-0.02
79) Terphenyl-d14	19.875	244	1807248	56.505	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	52007	34.892	ng		98
3) Pyridine	3.764	79	144098	31.609	ng		97
4) n-Nitrosodimethylamine	3.687	42	75503	40.191	ng		96
6) Aniline	7.228	93	142096	18.054	ng		96
8) 2-Chlorophenol	7.458	128	194310	41.815	ng		99
9) Benzaldehyde	7.040	77	26573m	7.256	ng		
10) Phenol	7.099	94	254173	39.729	ng		98
11) bis(2-Chloroethyl)ether	7.328	93	183347	36.387	ng		100
12) 1,3-Dichlorobenzene	7.775	146	215861	42.785	ng		98
13) 1,4-Dichlorobenzene	7.928	146	222639	43.578	ng		98
14) 1,2-Dichlorobenzene	8.240	146	215884	42.123	ng		99
15) Benzyl Alcohol	8.146	79	209057	36.935	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.416	45	185579m	34.495	ng		
17) 2-Methylphenol	8.352	107	169663	35.460	ng		98
18) Hexachloroethane	8.958	117	82360	41.601	ng		100
19) n-Nitroso-di-n-propyla...	8.711	70	158114	32.622	ng		99
20) 3+4-Methylphenols	8.681	107	230084	33.467	ng		96
22) Acetophenone	8.728	105	312180	36.666	ng	#	98
24) Nitrobenzene	9.111	77	242985	36.962	ng		99
25) Isophorone	9.634	82	439430	37.179	ng		99
26) 2-Nitrophenol	9.816	139	111851	42.521	ng		97
27) 2,4-Dimethylphenol	9.881	122	149939	34.528	ng		99
28) bis(2-Chloroethoxy)met...	10.122	93	247744	37.560	ng		99
29) 2,4-Dichlorophenol	10.352	162	211331	43.630	ng		95
30) 1,2,4-Trichlorobenzene	10.557	180	239249	44.961	ng		99
31) Naphthalene	10.746	128	600395	40.904	ng		99
32) Benzoic acid	10.052	122	153130	41.621	ng		91
33) 4-Chloroaniline	10.875	127	95746	14.358	ng		98
34) Hexachlorobutadiene	11.010	225	169508	43.804	ng		98
35) Caprolactam	11.693	113	67202	37.622	ng		96
36) 4-Chloro-3-methylphenol	12.004	107	237417	39.734	ng		98
37) 2-Methylnaphthalene	12.363	142	430451	37.778	ng		98
38) 1-Methylnaphthalene	12.581	142	415700	38.557	ng		99
40) 1,2,4,5-Tetrachloroben...	12.728	216	307983	45.651	ng		100
41) Hexachlorocyclopentadiene	12.687	237	178363	51.059	ng		99
43) 2,4,6-Trichlorophenol	12.975	196	199738	44.840	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	220528	41.560	ng	99
46) 1,1'-Biphenyl	13.375	154	598367	42.314	ng	98
47) 2-Chloronaphthalene	13.416	162	479746	43.708	ng	99
48) 2-Nitroaniline	13.640	65	159177	40.125	ng	94
49) Acenaphthylene	14.263	152	781484	43.946	ng	100
50) Dimethylphthalate	14.016	163	630801	39.125	ng	100
51) 2,6-Dinitrotoluene	14.140	165	141477	40.772	ng	100
52) Acenaphthene	14.604	154	439562	41.167	ng	100
53) 3-Nitroaniline	14.469	138	92335	26.882	ng	100
54) 2,4-Dinitrophenol	14.687	184	174390	77.098	ng	97
55) Dibenzofuran	14.945	168	768711	42.184	ng	98
56) 4-Nitrophenol	14.793	139	239396	89.096	ng	98
57) 2,4-Dinitrotoluene	14.934	165	206682	41.852	ng	97
58) Fluorene	15.598	166	629963	42.625	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.175	232	214905	44.144	ng	96
60) Diethylphthalate	15.381	149	675305	42.397	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	355745	42.090	ng	98
62) 4-Nitroaniline	15.640	138	143586m	40.134	ng	
63) Azobenzene	15.887	77	594948	40.123	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	122432	38.377	ng	98
66) n-Nitrosodiphenylamine	15.816	169	551942	40.924	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	240667	41.410	ng	98
68) Hexachlorobenzene	16.598	284	288458	46.023	ng	98
69) Atrazine	16.781	200	232088	41.127	ng	97
70) Pentachlorophenol	16.951	266	390261	84.238	ng	98
71) Phenanthrene	17.345	178	1069746	42.639	ng	100
72) Anthracene	17.439	178	1074988	41.974	ng	99
73) Carbazole	17.722	167	983987	43.380	ng	99
74) Di-n-butylphthalate	18.269	149	1150541	40.556	ng	100
75) Fluoranthene	19.322	202	1408896	43.271	ng	99
77) Benzidine	19.510	184	698430	48.232	ng	100
78) Pyrene	19.675	202	1455234	42.015	ng	100
80) Butylbenzylphthalate	20.557	149	535464	38.661	ng	99
81) Benzo(a)anthracene	21.392	228	1536347	42.934	ng	100
82) 3,3'-Dichlorobenzidine	21.328	252	461819	33.649	ng	100
83) Chrysene	21.451	228	1403450	41.856	ng	99
84) Bis(2-ethylhexyl)phtha...	21.328	149	753778	37.912	ng	99
85) Di-n-octyl phthalate	22.269	149	1355895	40.978	ng	99
87) Indeno(1,2,3-cd)pyrene	26.392	276	1552706	41.132	ng	99
88) Benzo(b)fluoranthene	23.104	252	1535586	46.711	ng	98
89) Benzo(k)fluoranthene	23.151	252	1393493	43.222	ng	99
90) Benzo(a)pyrene	23.733	252	1313348	41.804	ng	100
91) Dibenzo(a,h)anthracene	26.421	278	1293845	40.771	ng	98
92) Benzo(g,h,i)perylene	27.174	276	1184978	38.681	ng	98

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

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