Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
Data File : BP020606.D
Acq On : 12 Jun 2024 18:57
Operator : MA/JU
Sample : P2812-01MSD 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 13 06:14:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.752	152	253231	20.000	ng		-0.02
21) Naphthalene-d8	10.522	136	995696	20.000	ng		-0.01
39) Acenaphthene-d10	14.375	164	639615	20.000	ng		-0.02
64) Phenanthrene-d10	17.180	188	1326284	20.000	ng		-0.02
76) Chrysene-d12	21.651	240	1179091	20.000	ng		-0.02
86) Perylene-d12	25.009	264	1420844	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	766669	54.207	ng		0.00
7) Phenol-d6	6.934	99	985250	49.396	ng		0.00
23) Nitrobenzene-d5	8.904	82	624982	34.359	ng		-0.02
42) 2,4,6-Tribromophenol	15.892	330	450496	67.867	ng		-0.02
45) 2-Fluorobiphenyl	12.981	172	1498613	34.928	ng		-0.02
79) Terphenyl-d14	19.921	244	2311107	32.630	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	99051	17.332	ng		94
3) Pyridine	3.716	79	256928	15.990	ng		94
4) n-Nitrosodimethylamine	3.622	42	137894	17.669	ng		93
6) Aniline	7.093	93	186911	9.248	ng		99
8) 2-Chlorophenol	7.322	128	360992	22.769	ng		99
9) Benzaldehyde	6.916	77	31740m	2.481	ng		
10) Phenol	6.963	94	440835	21.577	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	334879	19.875	ng		98
12) 1,3-Dichlorobenzene	7.646	146	394983	21.145	ng		96
13) 1,4-Dichlorobenzene	7.787	146	400667	21.103	ng		99
14) 1,2-Dichlorobenzene	8.099	146	389250	21.244	ng		97
15) Benzyl Alcohol	7.993	79	306640	20.813	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	466664	18.551	ng		97
17) 2-Methylphenol	8.193	107	299274	21.586	ng		98
18) Hexachloroethane	8.816	117	144490	20.842	ng		93
19) n-Nitroso-di-n-propyla...	8.552	70	259930	19.090	ng		95
20) 3+4-Methylphenols	8.516	107	394925	20.942	ng		99
22) Acetophenone	8.569	105	524690	21.229	ng	#	97
24) Nitrobenzene	8.946	77	384830	20.846	ng		99
25) Isophorone	9.469	82	711273	20.126	ng		99
26) 2-Nitrophenol	9.646	139	186848	27.357	ng		99
27) 2,4-Dimethylphenol	9.710	122	253618	23.754	ng		98
28) bis(2-Chloroethoxy)met...	9.934	93	443697	20.426	ng		100
29) 2,4-Dichlorophenol	10.175	162	337895	23.590	ng		99
30) 1,2,4-Trichlorobenzene	10.393	180	387709	22.800	ng		97
31) Naphthalene	10.569	128	1116906	21.943	ng		100
32) Benzoic acid	9.834	122	219349	25.388	ng		99
33) 4-Chloroaniline	10.687	127	205583	10.441	ng		99
34) Hexachlorobutadiene	10.845	225	242799	22.666	ng		99
35) Caprolactam	11.481	113	110678	21.085	ng		91
36) 4-Chloro-3-methylphenol	11.816	107	375175	22.371	ng		99
37) 2-Methylnaphthalene	12.187	142	788008	21.605	ng		99
38) 1-Methylnaphthalene	12.392	142	724800	20.046	ng		99
40) 1,2,4,5-Tetrachloroben...	12.551	216	443680	23.975	ng		99
41) Hexachlorocyclopentadiene	12.522	237	99203	15.253	ng		98
43) 2,4,6-Trichlorophenol	12.792	196	288011	25.746	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.869	196	309814	24.006	ng	98
46)	1,1'-Biphenyl	13.198	154	1017376	22.538	ng	99
47)	2-Chloronaphthalene	13.245	162	798075	22.240	ng	98
48)	2-Nitroaniline	13.451	65	231221	23.779	ng	95
49)	Acenaphthylene	14.092	152	1291856	24.262	ng	100
50)	Dimethylphthalate	13.828	163	970876	21.534	ng	99
51)	2,6-Dinitrotoluene	13.951	165	213568	22.161	ng	94
52)	Acenaphthene	14.439	154	739547	22.018	ng	99
53)	3-Nitroaniline	14.281	138	158036	16.349	ng	94
54)	2,4-Dinitrophenol	14.498	184	66904	23.311	ng	93
55)	Dibenzofuran	14.781	168	1225469	23.032	ng	98
56)	4-Nitrophenol	14.604	139	364396	48.732	ng	93
57)	2,4-Dinitrotoluene	14.757	165	302653	23.897	ng	92
58)	Fluorene	15.439	166	977240	22.879	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.004	232	276013	26.134	ng	97
60)	Diethylphthalate	15.222	149	991511	21.634	ng	99
61)	4-Chlorophenyl-phenyle...	15.439	204	489900	22.226	ng	99
62)	4-Nitroaniline	15.463	138	209386	21.028	ng	97
63)	Azobenzene	15.733	77	900087	21.032	ng	97
65)	4,6-Dinitro-2-methylph...	15.528	198	59690	16.186	ng	97
66)	n-Nitrosodiphenylamine	15.663	169	843317	23.127	ng	100
67)	4-Bromophenyl-phenylether	16.357	248	322451	23.764	ng	99
68)	Hexachlorobenzene	16.463	284	358433	22.445	ng	99
69)	Atrazine	16.651	200	315072	24.560	ng	100
70)	Pentachlorophenol	16.816	266	450034	46.401	ng	99
71)	Phenanthrene	17.222	178	1672293	25.650	ng	99
72)	Anthracene	17.322	178	1597315	24.968	ng	100
73)	Carbazole	17.604	167	1429330	23.098	ng	99
74)	Di-n-butylphthalate	18.198	149	1720921	22.964	ng	99
75)	Fluoranthene	19.322	202	2084549	27.026	ng	99
77)	Benzidine	19.522	184	521646	16.867	ng	99
78)	Pyrene	19.698	202	2155145	24.300	ng	99
80)	Butylbenzylphthalate	20.657	149	760564	22.647	ng	92
81)	Benzo(a)anthracene	21.633	228	1942605	25.022	ng	99
82)	3,3'-Dichlorobenzidine	21.551	252	557981	24.177	ng	98
83)	Chrysene	21.698	228	1846885	25.246	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.568	149	1103233	21.857	ng	97
85)	Di-n-octyl phthalate	22.863	149	1948654	26.562	ng	97
87)	Indeno(1,2,3-cd)pyrene	28.839	276	2264148	26.205	ng	99
88)	Benzo(b)fluoranthene	23.945	252	1960593	22.150	ng	98
89)	Benzo(k)fluoranthene	24.021	252	1900224	22.011	ng	99
90)	Benzo(a)pyrene	24.851	252	1815550	24.766	ng	99
91)	Dibenzo(a,h)anthracene	28.927	278	1775720	24.640	ng	98
92)	Benzo(g,h,i)perylene	30.009	276	1773642	24.623	ng	96

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

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