Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060722.D
Acq On : 1 Apr 2024 19:34
Operator : MA/JU
Sample : P1927-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 02 01:17:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
72-11991MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
04/02/2024
Supervised By :mohammad ahmed
04/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	69230	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	326639	20.000	ng	0.00
39) Acenaphthene-d10	14.582	164	254791	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	559485	20.000	ng	0.00
76) Chrysene-d12	21.598	240	528778	20.000	ng	0.00
86) Perylene-d12	24.729	264	619157	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	418947	100.812	ng	0.00
7) Phenol-d6	7.114	99	609763	98.848	ng	0.00
23) Nitrobenzene-d5	9.106	82	349748	61.099	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	309234	106.917	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	1019282	58.712	ng	0.00
79) Terphenyl-d14	19.958	244	1838185	61.212	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.460	88	70209	41.207	ng	98
3) Pyridine	3.842	79	206588	40.197	ng	94
4) n-Nitrosodimethylamine	3.760	42	157434	51.247	ng	97
6) Aniline	7.279	93	227641	29.223	ng	96
8) 2-Chlorophenol	7.520	128	247299	52.490	ng	98
9) Benzaldehyde	7.091	77	30039m	8.831	ng	
10) Phenol	7.138	94	337431	53.599	ng	99
11) bis(2-Chloroethyl)ether	7.379	93	223076	43.888	ng	99
12) 1,3-Dichlorobenzene	7.843	146	235168	47.999	ng	97
13) 1,4-Dichlorobenzene	7.990	146	240063	48.027	ng	97
14) 1,2-Dichlorobenzene	8.307	146	234198	47.810	ng	99
15) Benzyl Alcohol	8.190	79	243209	48.673	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.478	45	531936	46.373	ng	99
17) 2-Methylphenol	8.389	107	227815	47.935	ng	98
18) Hexachloroethane	9.042	117	86332	48.630	ng	97
19) n-Nitroso-di-n-propyla...	8.760	70	207729	44.158	ng	97
20) 3+4-Methylphenols	8.719	107	321657	49.424	ng	95
22) Acetophenone	8.771	105	402628	44.703	ng	98
24) Nitrobenzene	9.153	77	281752	44.437	ng	96
25) Isophorone	9.676	82	579235	43.933	ng	98
26) 2-Nitrophenol	9.864	139	113091	50.211	ng	94
27) 2,4-Dimethylphenol	9.923	122	206028	38.901	ng	100
28) bis(2-Chloroethoxy)met...	10.164	93	340537	43.748	ng	99
29) 2,4-Dichlorophenol	10.393	162	259939	53.447	ng	98
30) 1,2,4-Trichlorobenzene	10.616	180	268136	48.688	ng	98
31) Naphthalene	10.804	128	813256	46.027	ng	99
32) Benzoic acid	10.064	122	195112	54.320	ng	97
33) 4-Chloroaniline	10.904	127	136627	16.648	ng	99
34) Hexachlorobutadiene	11.098	225	170261	46.389	ng	99
35) Caprolactam	11.680	113	95786m	49.727	ng	
36) 4-Chloro-3-methylphenol	12.026	107	323018	51.991	ng	99
37) 2-Methylnaphthalene	12.408	142	592824	45.636	ng	99
38) 1-Methylnaphthalene	12.632	142	560059	45.638	ng	97
40) 1,2,4,5-Tetrachloroben...	12.778	216	352390	48.108	ng	99
41) Hexachlorocyclopentadiene	12.767	237	339739	91.215	ng	99
43) 2,4,6-Trichlorophenol	13.013	196	248555	52.698	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.084	196	275662	48.974	ng	99
46)	1,1'-Biphenyl	13.419	154	827829	45.999	ng	99
47)	2-Chloronaphthalene	13.460	162	652723	47.737	ng	98
48)	2-Nitroaniline	13.654	65	220969	49.562	ng	99
49)	Acenaphthylene	14.306	152	1108740	48.259	ng	100
50)	Dimethylphthalate	14.048	163	882844	43.838	ng	99
51)	2,6-Dinitrotoluene	14.153	165	171413	47.572	ng	94
52)	Acenaphthene	14.647	154	720873m	49.974	ng	
53)	3-Nitroaniline	14.476	138	128101	33.313	ng	99
54)	2,4-Dinitrophenol	14.682	184	174017	124.139	ng	88
55)	Dibenzofuran	14.988	168	1043759	45.873	ng	100
56)	4-Nitrophenol	14.782	139	332985	113.103	ng	97
57)	2,4-Dinitrotoluene	14.941	165	242291	51.263	ng	98
58)	Fluorene	15.634	166	819446	44.874	ng	98
59)	2,3,4,6-Tetrachlorophenol	15.205	232	248830	50.726	ng	99
60)	Diethylphthalate	15.417	149	882842	43.573	ng	99
61)	4-Chlorophenyl-phenyle...	15.634	204	418392	43.307	ng	95
62)	4-Nitroaniline	15.646	138	189001	51.331	ng	99
63)	Azobenzene	15.928	77	888556	45.005	ng	98
65)	4,6-Dinitro-2-methylph...	15.704	198	122162	52.189	ng	98
66)	n-Nitrosodiphenylamine	15.845	169	768252	48.052	ng	100
67)	4-Bromophenyl-phenylether	16.527	248	285675	50.312	ng	98
68)	Hexachlorobenzene	16.639	284	328906	51.313	ng	97
69)	Atrazine	16.797	200	283970	50.791	ng	98
70)	Pentachlorophenol	16.979	266	455566	108.925	ng	97
71)	Phenanthrene	17.373	178	1481869	50.928	ng	99
72)	Anthracene	17.467	178	1420590	48.073	ng	99
73)	Carbazole	17.731	167	1282805	49.236	ng	98
74)	Di-n-butylphthalate	18.319	149	1530488	47.118	ng	100
75)	Fluoranthene	19.388	202	1937034	54.860	ng	99
77)	Benzidine	19.565	184	518952	37.271	ng	98
78)	Pyrene	19.747	202	1918192	51.869	ng	99
80)	Butylbenzylphthalate	20.657	149	705079	52.265	ng	98
81)	Benzo(a)anthracene	21.580	228	1889764	50.700	ng	98
82)	3,3'-Dichlorobenzidine	21.492	252	375995	29.875	ng	100
83)	Chrysene	21.645	228	1853768	51.600	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.527	149	1058671	49.236	ng	97
85)	Di-n-octyl phthalate	22.731	149	1823044	52.044	ng	99
87)	Indeno(1,2,3-cd)pyrene	28.307	276	2340381	53.677	ng	99
88)	Benzo(b)fluoranthene	23.748	252	2027467	56.999	ng	99
89)	Benzo(k)fluoranthene	23.818	252	1820039	49.990	ng	99
90)	Benzo(a)pyrene	24.588	252	1762438	50.985	ng	97
91)	Dibenzo(a,h)anthracene	28.372	278	1867885	50.820	ng	99
92)	Benzo(g,h,i)perylene	29.406	276	1772543	49.576	ng	98

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

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