Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
Data File : BM042483.D
Acq On : 27 Oct 2023 21:37
Operator : MA/JU
Sample : PB156526BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 28 00:29:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 28 00:26:13 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB156526BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.981	152	155994	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	625823	20.000	ng		0.00
39) Acenaphthene-d10	14.627	164	333094	20.000	ng		0.00
64) Phenanthrene-d10	17.380	188	595602	20.000	ng		0.00
76) Chrysene-d12	21.556	240	377767	20.000	ng		0.00
86) Perylene-d12	24.015	264	340851	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	938383	85.018	ng		0.00
7) Phenol-d6	7.163	99	1185428	80.142	ng		0.00
23) Nitrobenzene-d5	9.192	82	1176459	83.127	ng		0.00
42) 2,4,6-Tribromophenol	16.127	330	354286	98.706	ng		0.00
45) 2-Fluorobiphenyl	13.251	172	2303649	93.130	ng		0.00
79) Terphenyl-d14	19.986	244	2560126	120.189	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	161265	31.028	ng		96
3) Pyridine	3.846	79	426827	27.991	ng		97
4) n-Nitrosodimethylamine	3.746	42	247769	32.182	ng		91
6) Aniline	7.334	93	562259	29.856	ng		97
8) 2-Chlorophenol	7.545	128	508526	46.431	ng		94
9) Benzaldehyde	7.151	77	219194	25.443	ng		98
10) Phenol	7.187	94	629117	41.162	ng		98
11) bis(2-Chloroethyl)ether	7.428	93	514789	41.024	ng		97
12) 1,3-Dichlorobenzene	7.863	146	529844	46.772	ng		98
13) 1,4-Dichlorobenzene	8.022	146	541022	47.445	ng		98
14) 1,2-Dichlorobenzene	8.334	146	523069	47.771	ng		98
15) Benzyl Alcohol	8.263	79	461084	42.051	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.516	45	829306	41.767	ng		98
17) 2-Methylphenol	8.445	107	420406	41.683	ng		98
18) Hexachloroethane	9.045	117	214193	48.792	ng		93
19) n-Nitroso-di-n-propyla...	8.822	70	418424	41.737	ng		98
20) 3+4-Methylphenols	8.781	107	548167	40.521	ng		96
22) Acetophenone	8.851	105	735145	43.058	ng	#	96
24) Nitrobenzene	9.234	77	592685	41.859	ng		97
25) Isophorone	9.769	82	1081408	44.962	ng		98
26) 2-Nitrophenol	9.934	139	259744	47.683	ng		94
27) 2,4-Dimethylphenol	9.981	122	475279m	48.717	ng		
28) bis(2-Chloroethoxy)met...	10.228	93	678254	44.510	ng		99
29) 2,4-Dichlorophenol	10.457	162	438626	51.700	ng		97
30) 1,2,4-Trichlorobenzene	10.657	180	474456	52.166	ng		98
31) Naphthalene	10.857	128	1504399	46.800	ng		100
32) Benzoic acid	10.163	122	305860	43.434	ng		97
33) 4-Chloroaniline	11.004	127	216157	15.488	ng		98
34) Hexachlorobutadiene	11.080	225	284127	57.730	ng		98
35) Caprolactam	11.910	113	124710	38.386	ng		88
36) 4-Chloro-3-methylphenol	12.110	107	460383	44.968	ng		99
37) 2-Methylnaphthalene	12.457	142	989202	45.714	ng		98
38) 1-Methylnaphthalene	12.680	142	931655	45.958	ng		99
40) 1,2,4,5-Tetrachloroben...	12.810	216	499831	51.906	ng		98
41) Hexachlorocyclopentadiene	12.751	237	576633	108.699	ng		99
43) 2,4,6-Trichlorophenol	13.069	196	326935	52.447	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.145	196	339650	46.092	ng		95
46)	1,1'-Biphenyl	13.469	154	1239698	46.915	ng		98
47)	2-Chloronaphthalene	13.516	162	945407	48.766	ng		99
48)	2-Nitroaniline	13.757	65	294490	35.415	ng		91
49)	Acenaphthylene	14.357	152	1446151	46.206	ng		100
50)	Dimethylphthalate	14.104	163	1094044	44.778	ng		99
51)	2,6-Dinitrotoluene	14.245	165	234470	42.833	ng		86
52)	Acenaphthene	14.692	154	886955	46.874	ng		97
53)	3-Nitroaniline	14.586	138	140784	23.323	ng		99
54)	2,4-Dinitrophenol	14.786	184	285917	83.295	ng		91
55)	Dibenzofuran	15.027	168	1357239	45.350	ng		99
56)	4-Nitrophenol	14.886	139	360528	72.452	ng		96
57)	2,4-Dinitrotoluene	15.027	165	290100	40.053	ng		94
58)	Fluorene	15.674	166	1070392	45.324	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.251	232	289226	52.246	ng		92
60)	Diethylphthalate	15.445	149	1065577	44.195	ng		98
61)	4-Chlorophenyl-phenyle...	15.668	204	547616	49.237	ng		92
62)	4-Nitroaniline	15.751	138	154174	26.418	ng		97
63)	Azobenzene	15.963	77	1197378	41.393	ng		95
65)	4,6-Dinitro-2-methylph...	15.774	198	171387	45.423	ng		84
66)	n-Nitrosodiphenylamine	15.892	169	892787	49.767	ng		98
67)	4-Bromophenyl-phenylether	16.562	248	318199	57.643	ng		95
68)	Hexachlorobenzene	16.645	284	357865	60.650	ng	#	92
69)	Atrazine	16.851	200	297820	65.465	ng		99
70)	Pentachlorophenol	17.010	266	448851	90.289	ng		99
71)	Phenanthrene	17.421	178	1521653	46.963	ng		100
72)	Anthracene	17.515	178	1537504	47.913	ng		99
73)	Carbazole	17.804	167	1254148	41.661	ng		99
74)	Di-n-butylphthalate	18.321	149	1714002	45.142	ng		99
75)	Fluoranthene	19.433	202	1576847	44.188	ng		98
77)	Benzidine	19.651	184	255232	46.711	ng		99
78)	Pyrene	19.798	202	1624780	61.549	ng		100
80)	Butylbenzylphthalate	20.680	149	669603	55.418	ng		90
81)	Benzo(a)anthracene	21.539	228	1181315	46.647	ng		99
82)	3,3'-Dichlorobenzidine	21.486	252	323831	42.835	ng		98
83)	Chrysene	21.597	228	1145296	47.086	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.421	149	920543	53.684	ng		97
85)	Di-n-octyl phthalate	22.362	149	1404381	47.908	ng		95
87)	Indeno(1,2,3-cd)pyrene	26.591	276	1062393	42.650	ng	#	92
88)	Benzo(b)fluoranthene	23.250	252	1006802	49.072	ng		98
89)	Benzo(k)fluoranthene	23.303	252	1023728	48.060	ng		98
90)	Benzo(a)pyrene	23.903	252	858986	43.499	ng		98
91)	Dibenzo(a,h)anthracene	26.609	278	850587	41.071	ng		97
92)	Benzo(g,h,i)perylene	27.397	276	918410	45.663	ng		95

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

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