Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135986.D
Acq On : 27 Oct 2023 15:59
Operator : CG\JU
Sample : 04882-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 27 22:31:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 03:58:01 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ-218MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	158529	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	636254	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	322905	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	535664	20.000	ng		0.00
76) Chrysene-d12	14.010	240	290106	20.000	ng		0.00
86) Perylene-d12	15.498	264	353553	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	992688	96.694	ng		0.01
7) Phenol-d6	6.463	99	1244723	97.387	ng		0.00
23) Nitrobenzene-d5	7.387	82	709997	73.551	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	333106	117.856	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1334977	66.200	ng		0.00
79) Terphenyl-d14	12.951	244	1112788	64.088	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	189125	39.657	ng		98
3) Pyridine	3.416	79	453831	34.478	ng		99
4) n-Nitrosodimethylamine	3.387	42	235101	40.962	ng		98
6) Aniline	6.487	93	378060	21.967	ng		98
8) 2-Chlorophenol	6.610	128	518020	48.741	ng		99
9) Benzaldehyde	6.375	77	177361	25.653	ng		100
10) Phenol	6.475	94	615062m	46.031	ng		
11) bis(2-Chloroethyl)ether	6.569	93	479968	46.148	ng		100
12) 1,3-Dichlorobenzene	6.769	146	527301	46.710	ng		97
13) 1,4-Dichlorobenzene	6.845	146	531965	46.920	ng		98
14) 1,2-Dichlorobenzene	6.992	146	504141	47.884	ng		98
15) Benzyl Alcohol	6.969	79	413495	45.765	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	695011	45.376	ng		98
17) 2-Methylphenol	7.081	107	397350	42.420	ng		99
18) Hexachloroethane	7.340	117	191904	49.778	ng		92
19) n-Nitroso-di-n-propyla...	7.245	70	335419	46.149	ng		96
20) 3+4-Methylphenols	7.234	107	496618	43.928	ng	#	81
22) Acetophenone	7.239	105	664594	46.247	ng	#	91
24) Nitrobenzene	7.410	77	499649	47.451	ng		98
25) Isophorone	7.645	82	938943	46.687	ng		100
26) 2-Nitrophenol	7.722	139	253161	60.651	ng		98
27) 2,4-Dimethylphenol	7.763	122	386043	42.117	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	576268	46.662	ng		98
29) 2,4-Dichlorophenol	7.963	162	416568	50.752	ng		97
30) 1,2,4-Trichlorobenzene	8.045	180	448194	48.227	ng		99
31) Naphthalene	8.128	128	1419657	46.151	ng		100
32) Benzoic acid	7.875	122	315529m	61.214	ng		
33) 4-Chloroaniline	8.175	127	113231	8.328	ng		97
34) Hexachlorobutadiene	8.245	225	251700	48.052	ng		97
35) Caprolactam	8.557	113	141840m	51.929	ng		
36) 4-Chloro-3-methylphenol	8.657	107	436148	50.002	ng		99
37) 2-Methylnaphthalene	8.822	142	897042	44.075	ng		100
38) 1-Methylnaphthalene	8.922	142	878691	46.204	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	436039	47.811	ng		99
41) Hexachlorocyclopentadiene	8.975	237	321245	71.435	ng		98
43) 2,4,6-Trichlorophenol	9.098	196	285989	53.577	ng		100

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44)	2,4,5-Trichlorophenol	9.139	196	306040	48.288	ng		95
46)	1,1'-Biphenyl	9.286	154	1149568	46.984	ng		99
47)	2-Chloronaphthalene	9.310	162	865311	47.813	ng		98
48)	2-Nitroaniline	9.404	65	265593	52.562	ng		99
49)	Acenaphthylene	9.728	152	1362011	47.704	ng		99
50)	Dimethylphthalate	9.592	163	1003773	47.935	ng		100
51)	2,6-Dinitrotoluene	9.651	165	226810	51.815	ng		90
52)	Acenaphthene	9.898	154	894100	48.865	ng		100
53)	3-Nitroaniline	9.816	138	151475	30.950	ng	#	96
54)	2,4-Dinitrophenol	9.922	184	127638	78.660	ng		92
55)	Dibenzofuran	10.075	168	1201526	45.455	ng		99
56)	4-Nitrophenol	9.980	139	366492	86.235	ng		98
57)	2,4-Dinitrotoluene	10.057	165	292524	53.655	ng		94
58)	Fluorene	10.416	166	884651	44.733	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.186	232	256677	53.821	ng		99
60)	Diethylphthalate	10.298	149	954622	47.807	ng		98
61)	4-Chlorophenyl-phenyle...	10.410	204	436403	45.747	ng		98
62)	4-Nitroaniline	10.433	138	209550	41.444	ng		95
63)	Azobenzene	10.575	77	912205	45.015	ng		95
65)	4,6-Dinitro-2-methylph...	10.457	198	96091	52.743	ng		97
66)	n-Nitrosodiphenylamine	10.533	169	821678	50.776	ng		100
67)	4-Bromophenyl-phenylether	10.904	248	284714	51.900	ng		94
68)	Hexachlorobenzene	10.963	284	313998	53.582	ng		93
69)	Atrazine	11.063	200	272769	61.832	ng		99
70)	Pentachlorophenol	11.157	266	325402	87.179	ng		98
71)	Phenanthrene	11.380	178	1366708	50.431	ng		99
72)	Anthracene	11.433	178	1299110	46.816	ng		100
73)	Carbazole	11.586	167	1089386	44.009	ng		99
74)	Di-n-butylphthalate	11.927	149	1346230	51.109	ng		100
75)	Fluoranthene	12.574	202	1163335	40.803	ng		100
77)	Benzidine	12.698	184	220032	39.334	ng		99
78)	Pyrene	12.804	202	1150119	47.216	ng		99
80)	Butylbenzylphthalate	13.439	149	396235	43.438	ng		98
81)	Benzo(a)anthracene	13.998	228	965997	48.972	ng		100
82)	3,3'-Dichlorobenzidine	13.968	252	219487	36.574	ng		99
83)	Chrysene	14.039	228	928698	48.340	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.004	149	478092	47.731	ng		100
85)	Di-n-octyl phthalate	14.627	149	967099	61.291	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.004	276	763789	38.099	ng		99
88)	Benzo(b)fluoranthene	15.063	252	1036723	49.272	ng		99
89)	Benzo(k)fluoranthene	15.092	252	965618	46.728	ng		99
90)	Benzo(a)pyrene	15.433	252	892283	46.013	ng		99
91)	Dibenzo(a,h)anthracene	17.033	278	630003	36.739	ng		98
92)	Benzo(g,h,i)perylene	17.462	276	558009	30.138	ng		99

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

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