Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
Data File : BF136585.D
Acq On : 15 Dec 2023 10:52
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 15 11:19:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 00:33:23 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	115969	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	478165	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	250859	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	458984	20.000	ng		0.00
76) Chrysene-d12	13.963	240	223102	20.000	ng	#	0.00
86) Perylene-d12	15.439	264	229054	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	559985	71.312	ng		0.00
7) Phenol-d6	6.439	99	700509	71.500	ng		0.00
23) Nitrobenzene-d5	7.351	82	637141	72.034	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	229912	74.330	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	1359639	73.955	ng		0.00
79) Terphenyl-d14	12.910	244	1360304	80.364	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	106833	34.396	ng		97
3) Pyridine	3.299	79	290922	38.678	ng		95
4) n-Nitrosodimethylamine	3.269	42	114047	34.900	ng		100
6) Aniline	6.457	93	414392	41.852	ng		95
8) 2-Chlorophenol	6.581	128	308376	35.972	ng		97
9) Benzaldehyde	6.345	77	191650	38.334	ng		95
10) Phenol	6.451	94	362684	34.789	ng		78
11) bis(2-Chloroethyl)ether	6.528	93	275665	35.474	ng		98
12) 1,3-Dichlorobenzene	6.728	146	317717	32.955	ng		97
13) 1,4-Dichlorobenzene	6.804	146	319400	32.659	ng		99
14) 1,2-Dichlorobenzene	6.957	146	302427	32.885	ng		100
15) Benzyl Alcohol	6.934	79	244264	37.232	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	326129	32.631	ng		89
17) 2-Methylphenol	7.051	107	257943	37.243	ng		96
18) Hexachloroethane	7.292	117	113495	33.240	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	202851	35.893	ng		97
20) 3+4-Methylphenols	7.204	107	322708	37.539	ng	#	82
22) Acetophenone	7.198	105	418551	35.447	ng	#	98
24) Nitrobenzene	7.369	77	303445	34.103	ng		98
25) Isophorone	7.610	82	557751	35.099	ng		97
26) 2-Nitrophenol	7.686	139	165106	37.744	ng		94
27) 2,4-Dimethylphenol	7.728	122	252822	46.872	ng		100
28) bis(2-Chloroethoxy)met...	7.822	93	348628	35.703	ng		99
29) 2,4-Dichlorophenol	7.928	162	258494	36.308	ng		98
30) 1,2,4-Trichlorobenzene	8.010	180	280407	33.777	ng		96
31) Naphthalene	8.086	128	912314	34.598	ng		99
32) Benzoic acid	7.857	122	185367m	34.643	ng		
33) 4-Chloroaniline	8.139	127	379811	40.402	ng		99
34) Hexachlorobutadiene	8.204	225	164589	33.453	ng		98
35) Caprolactam	8.522	113	79721	36.361	ng		92
36) 4-Chloro-3-methylphenol	8.628	107	274379	36.296	ng		99
37) 2-Methylnaphthalene	8.781	142	618653	36.878	ng		94
38) 1-Methylnaphthalene	8.881	142	572107	34.754	ng		97
40) 1,2,4,5-Tetrachloroben...	8.945	216	286747	36.741	ng		100
41) Hexachlorocyclopentadiene	8.928	237	115528	39.956	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	180621	35.543	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	212562	37.477	ng	95
46) 1,1'-Biphenyl	9.245	154	769605	36.055	ng	98
47) 2-Chloronaphthalene	9.269	162	560991	33.767	ng	97
48) 2-Nitroaniline	9.369	65	160430	36.004	ng	96
49) Acenaphthylene	9.686	152	870087	36.764	ng	98
50) Dimethylphthalate	9.551	163	693335	37.540	ng	99
51) 2,6-Dinitrotoluene	9.616	165	154148	37.099	ng	93
52) Acenaphthene	9.857	154	540703	35.653	ng	97
53) 3-Nitroaniline	9.786	138	156009	36.769	ng	96
54) 2,4-Dinitrophenol	9.892	184	70678	33.644	ng	98
55) Dibenzofuran	10.033	168	808629	36.498	ng	97
56) 4-Nitrophenol	9.957	139	101898	32.036	ng	90
57) 2,4-Dinitrotoluene	10.022	165	199291	36.257	ng	91
58) Fluorene	10.375	166	637944	35.870	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	162503	35.769	ng	98
60) Diethylphthalate	10.251	149	662989	36.506	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	324623	37.442	ng	94
62) 4-Nitroaniline	10.404	138	151290	35.910	ng	99
63) Azobenzene	10.527	77	579779	35.073	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	108464	38.157	ng	97
66) n-Nitrosodiphenylamine	10.492	169	564670	38.340	ng	97
67) 4-Bromophenyl-phenylether	10.857	248	205228	38.458	ng	94
68) Hexachlorobenzene	10.922	284	213599	34.632	ng	96
69) Atrazine	11.022	200	151020	35.927	ng	98
70) Pentachlorophenol	11.122	266	138911	39.906	ng	98
71) Phenanthrene	11.339	178	919446	36.446	ng	99
72) Anthracene	11.392	178	946453	37.247	ng	99
73) Carbazole	11.551	167	765570	34.041	ng	99
74) Di-n-butylphthalate	11.880	149	977476	35.454	ng	99
75) Fluoranthene	12.533	202	866719	32.784	ng	99
77) Benzidine	12.657	184	90756	24.006	ng	99
78) Pyrene	12.763	202	846322	38.734	ng	98
80) Butylbenzylphthalate	13.386	149	298176	38.335	ng	93
81) Benzo(a)anthracene	13.957	228	570164	36.689	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	189130	43.406	ng	99
83) Chrysene	13.992	228	550512	36.005	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	361478	37.910	ng	97
85) Di-n-octyl phthalate	14.568	149	543221	38.569	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	637088	40.036	ng	99
88) Benzo(b)fluoranthene	15.010	252	499082	31.868	ng	99
89) Benzo(k)fluoranthene	15.039	252	491671	33.313	ng	99
90) Benzo(a)pyrene	15.380	252	488291	37.754	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	528045	40.505	ng	100
92) Benzo(g,h,i)perylene	17.404	276	529549	39.576	ng	98

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

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