Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136484.D
Acq On : 09 Dec 2023 00:04
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/11/2023
Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 09 00:25:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	120677	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	466759	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	221495	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	327962	20.000	ng	0.00
76) Chrysene-d12	13.974	240	219952	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	199228	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	615268	75.296	ng	0.00
7) Phenol-d6	6.445	99	760434	74.589	ng	0.00
23) Nitrobenzene-d5	7.363	82	675938	78.288	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	176365	64.578	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1291342	79.552	ng	0.00
79) Terphenyl-d14	12.916	244	1025364	61.444	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	124436	38.501	ng	99
3) Pyridine	3.322	79	335620	42.880	ng	95
4) n-Nitrosodimethylamine	3.304	42	133632	39.298	ng	98
6) Aniline	6.469	93	469850	45.602	ng	98
8) 2-Chlorophenol	6.587	128	335366	37.594	ng	98
9) Benzaldehyde	6.351	77	215787	42.481	ng	99
10) Phenol	6.457	94	405298	37.360	ng	88
11) bis(2-Chloroethyl)ether	6.540	93	306366	37.887	ng	97
12) 1,3-Dichlorobenzene	6.740	146	346861	34.575	ng	98
13) 1,4-Dichlorobenzene	6.816	146	351547	34.544	ng	99
14) 1,2-Dichlorobenzene	6.969	146	330369	34.522	ng	99
15) Benzyl Alcohol	6.945	79	266302	39.008	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	368338	35.417	ng	96
17) 2-Methylphenol	7.057	107	283001	39.267	ng	96
18) Hexachloroethane	7.304	117	117111	32.961	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	213489	36.301	ng	99
20) 3+4-Methylphenols	7.210	107	344389	38.498	ng	97
22) Acetophenone	7.210	105	446925	38.775	ng	97
24) Nitrobenzene	7.381	77	325828	37.514	ng	99
25) Isophorone	7.616	82	590860	38.091	ng	99
26) 2-Nitrophenol	7.692	139	166655	39.029	ng	98
27) 2,4-Dimethylphenol	7.734	122	264685	50.271	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	368320	38.641	ng	99
29) 2,4-Dichlorophenol	7.939	162	266385	38.330	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	291745	36.001	ng	97
31) Naphthalene	8.098	128	949168	36.875	ng	99
32) Benzoic acid	7.851	122	174389m	33.388	ng	
33) 4-Chloroaniline	8.151	127	394029	42.939	ng	98
34) Hexachlorobutadiene	8.210	225	169980	35.393	ng	98
35) Caprolactam	8.528	113	82694	38.639	ng	87
36) 4-Chloro-3-methylphenol	8.634	107	278995	37.809	ng	96
37) 2-Methylnaphthalene	8.792	142	627398	38.313	ng	96
38) 1-Methylnaphthalene	8.886	142	581484	36.187	ng	97
40) 1,2,4,5-Tetrachloroben...	8.957	216	281761	40.888	ng	100
41) Hexachlorocyclopentadiene	8.939	237	43975	17.225	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	178310	39.740	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	203315	40.599	ng	97
46) 1,1'-Biphenyl	9.257	154	753021	39.955	ng	100
47) 2-Chloronaphthalene	9.281	162	551061	37.566	ng	98
48) 2-Nitroaniline	9.381	65	163288	41.504	ng	90
49) Acenaphthylene	9.692	152	832286	39.829	ng	100
50) Dimethylphthalate	9.557	163	669612	41.062	ng	98
51) 2,6-Dinitrotoluene	9.622	165	141838	38.662	ng	99
52) Acenaphthene	9.869	154	505773	37.771	ng	99
53) 3-Nitroaniline	9.792	138	152956	40.828	ng	100
54) 2,4-Dinitrophenol	9.898	184	20105	10.839	ng	96
55) Dibenzofuran	10.039	168	752197	38.452	ng	99
56) 4-Nitrophenol	9.957	139	92272	32.855	ng	94
57) 2,4-Dinitrotoluene	10.028	165	175133	36.086	ng	96
58) Fluorene	10.380	166	561650	35.767	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	134332	33.488	ng	98
60) Diethylphthalate	10.257	149	623731	38.897	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	290772	37.984	ng	98
62) 4-Nitroaniline	10.404	138	137842	37.055	ng	95
63) Azobenzene	10.539	77	525999	36.038	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	43566	21.449	ng	87
66) n-Nitrosodiphenylamine	10.498	169	497257	47.251	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	172730	45.299	ng	99
68) Hexachlorobenzene	10.928	284	166423	37.763	ng	100
69) Atrazine	11.028	200	128387	42.744	ng	96
70) Pentachlorophenol	11.128	266	80695	32.443	ng	98
71) Phenanthrene	11.345	178	713306	39.570	ng	99
72) Anthracene	11.398	178	726419	40.009	ng	99
73) Carbazole	11.557	167	600416	37.363	ng	99
74) Di-n-butylphthalate	11.892	149	788489	40.025	ng	100
75) Fluoranthene	12.539	202	642514	34.012	ng	97
77) Benzidine	12.663	184	124115	29.764	ng	99
78) Pyrene	12.769	202	652609	30.296	ng	99
80) Butylbenzylphthalate	13.398	149	261747	34.134	ng	97
81) Benzo(a)anthracene	13.963	228	590589	38.548	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	190807	44.418	ng	99
83) Chrysene	14.004	228	591226	39.222	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	350884	37.326	ng	99
85) Di-n-octyl phthalate	14.580	149	627586	45.197	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	425726	30.759	ng	100
88) Benzo(b)fluoranthene	15.021	252	520993	38.247	ng	99
89) Benzo(k)fluoranthene	15.051	252	526189	40.989	ng	100
90) Benzo(a)pyrene	15.392	252	462263	41.092	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	357574	31.535	ng	99
92) Benzo(g,h,i)perylene	17.409	276	330656	28.411	ng	98

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

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