Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138668.D
Acq On : 29 Jul 2024 12:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 29 14:19:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	104804	20.000	ng		-0.02
21) Naphthalene-d8	8.134	136	405768	20.000	ng		-0.02
39) Acenaphthene-d10	9.892	164	221896	20.000	ng		-0.01
64) Phenanthrene-d10	11.380	188	395592	20.000	ng		0.00
76) Chrysene-d12	14.027	240	214485	20.000	ng		0.00
86) Perylene-d12	15.492	264	271041	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	544246	82.244	ng		-0.02
7) Phenol-d6	6.493	99	732741	83.236	ng		-0.01
23) Nitrobenzene-d5	7.422	82	676120	81.810	ng		-0.01
42) 2,4,6-Tribromophenol	10.686	330	168803	81.396	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	1096521	77.233	ng		-0.01
79) Terphenyl-d14	12.969	244	993902	75.492	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	127768	43.595	ng		95
3) Pyridine	3.363	79	310977	43.026	ng		96
4) n-Nitrosodimethylamine	3.334	42	181375	38.549	ng		85
6) Aniline	6.516	93	333590	40.458	ng	#	64
8) 2-Chlorophenol	6.640	128	286018	40.876	ng		98
9) Benzaldehyde	6.404	77	176631	37.486	ng		98
10) Phenol	6.504	94	388852	41.615	ng		93
11) bis(2-Chloroethyl)ether	6.593	93	287304	40.838	ng		96
12) 1,3-Dichlorobenzene	6.793	146	312246	39.699	ng		98
13) 1,4-Dichlorobenzene	6.869	146	314773	39.411	ng		99
14) 1,2-Dichlorobenzene	7.022	146	295349	39.704	ng		97
15) Benzyl Alcohol	6.998	79	265046	40.119	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	490363	35.444	ng		90
17) 2-Methylphenol	7.110	107	237889	41.483	ng		97
18) Hexachloroethane	7.363	117	115048	39.182	ng		98
19) n-Nitroso-di-n-propyla...	7.269	70	212076	38.988	ng		93
20) 3+4-Methylphenols	7.263	107	290044	40.164	ng		95
22) Acetophenone	7.263	105	392047	39.782	ng		98
24) Nitrobenzene	7.440	77	338039	40.250	ng		95
25) Isophorone	7.675	82	568571	40.061	ng		99
26) 2-Nitrophenol	7.751	139	153103	42.533	ng		98
27) 2,4-Dimethylphenol	7.787	122	181601	41.048	ng		98
28) bis(2-Chloroethoxy)met...	7.881	93	339448	40.019	ng		98
29) 2,4-Dichlorophenol	7.998	162	228178	39.717	ng		99
30) 1,2,4-Trichlorobenzene	8.075	180	254112	37.968	ng		98
31) Naphthalene	8.157	128	849525	40.256	ng		99
32) Benzoic acid	7.934	122	168030m	39.821	ng		
33) 4-Chloroaniline	8.210	127	294314	39.748	ng		98
34) Hexachlorobutadiene	8.269	225	147849	35.874	ng		99
35) Caprolactam	8.598	113	80194	43.257	ng		98
36) 4-Chloro-3-methylphenol	8.698	107	269593	41.915	ng		98
37) 2-Methylnaphthalene	8.851	142	533513	39.285	ng		100
38) 1-Methylnaphthalene	8.951	142	522642	39.433	ng		98
40) 1,2,4,5-Tetrachloroben...	9.016	216	237156	38.348	ng		99
41) Hexachlorocyclopentadiene	8.998	237	79097	39.404	ng		98
43) 2,4,6-Trichlorophenol	9.134	196	154083	39.059	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	163250	37.625	ng		96
46) 1,1'-Biphenyl	9.316	154	670637	39.880	ng		99
47) 2-Chloronaphthalene	9.339	162	505641	39.802	ng		99
48) 2-Nitroaniline	9.439	65	191514	43.503	ng		96
49) Acenaphthylene	9.757	152	728077	40.367	ng		100
50) Dimethylphthalate	9.622	163	571993	39.865	ng		100
51) 2,6-Dinitrotoluene	9.686	165	136323	41.265	ng		94
52) Acenaphthene	9.928	154	498009	41.538	ng		100
53) 3-Nitroaniline	9.857	138	141282	41.725	ng		93
54) 2,4-Dinitrophenol	9.963	184	61501	37.331	ng		93
55) Dibenzofuran	10.098	168	693695	39.890	ng		100
56) 4-Nitrophenol	10.022	139	99297	39.744	ng		94
57) 2,4-Dinitrotoluene	10.086	165	181161	42.382	ng		95
58) Fluorene	10.445	166	550192	39.985	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	132026	38.556	ng		99
60) Diethylphthalate	10.316	149	551772	39.890	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	264471	38.276	ng		96
62) 4-Nitroaniline	10.469	138	146442	43.160	ng		98
63) Azobenzene	10.592	77	609186	40.963	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	97261	42.580	ng		79
66) n-Nitrosodiphenylamine	10.557	169	468824	39.556	ng		98
67) 4-Bromophenyl-phenylether	10.928	248	155286	38.192	ng		96
68) Hexachlorobenzene	10.992	284	175945	38.952	ng		95
69) Atrazine	11.081	200	134924	34.336	ng		97
70) Pentachlorophenol	11.192	266	94118	35.213	ng		98
71) Phenanthrene	11.410	178	796256	39.841	ng		99
72) Anthracene	11.463	178	793827	40.014	ng		100
73) Carbazole	11.616	167	736323	41.300	ng		99
74) Di-n-butylphthalate	11.939	149	824092	40.101	ng		100
75) Fluoranthene	12.598	202	822012	40.308	ng		98
77) Benzidine	12.722	184	184370	34.071	ng		100
78) Pyrene	12.827	202	832591	38.239	ng		100
80) Butylbenzylphthalate	13.439	149	283232	43.243	ng		96
81) Benzo(a)anthracene	14.016	228	588296	40.877	ng		100
82) 3,3'-Dichlorobenzidine	13.974	252	148844	40.136	ng	#	97
83) Chrysene	14.051	228	522036	38.343	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	327008	46.813	ng	#	98
85) Di-n-octyl phthalate	14.610	149	457945	41.498	ng		100
87) Indeno(1,2,3-cd)pyrene	16.974	276	749975	41.194	ng		97
88) Benzo(b)fluoranthene	15.063	252	528911	34.650	ng		99
89) Benzo(k)fluoranthene	15.092	252	398671	26.780	ng		99
90) Benzo(a)pyrene	15.433	252	536039	39.976	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	601723	40.404	ng		98
92) Benzo(g,h,i)perylene	17.427	276	646364	40.930	ng	#	95

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

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