Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
Data File : BP019676.D
Acq On : 12 Feb 2024 22:41
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

Quant Time: Feb 12 23:26:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	96439	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	310320	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	179774	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	439155	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	528231	20.000	ng	0.00
86) Perylene-d12	23.804	264	628345	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	487654	81.509	ng	-0.01
7) Phenol-d6	7.075	99	607200	75.269	ng	-0.01
23) Nitrobenzene-d5	9.075	82	590904	82.511	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	264187	100.649	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1171186	80.537	ng	-0.01
79) Terphenyl-d14	19.863	244	2392888	74.498	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	91072	39.509	ng	98
3) Pyridine	3.781	79	238031	38.089	ng	99
4) n-Nitrosodimethylamine	3.705	42	109917	40.399	ng	99
6) Aniline	7.240	93	285306	36.398	ng	99
8) 2-Chlorophenol	7.469	128	238402	38.812	ng	96
9) Benzaldehyde	7.052	77	240638m	42.546	ng	
10) Phenol	7.105	94	300283	37.347	ng	99
11) bis(2-Chloroethyl)ether	7.340	93	229968	36.764	ng	99
12) 1,3-Dichlorobenzene	7.787	146	302581	40.258	ng	99
13) 1,4-Dichlorobenzene	7.940	146	303039	39.796	ng	99
14) 1,2-Dichlorobenzene	8.252	146	287424	39.012	ng	98
15) Benzyl Alcohol	8.152	79	227036	35.223	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.434	45	208928m	33.401	ng	
17) 2-Methylphenol	8.352	107	195528	36.122	ng	99
18) Hexachloroethane	8.975	117	114510	38.797	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	173762	31.535	ng	98
20) 3+4-Methylphenols	8.681	107	257424	34.846	ng	98
22) Acetophenone	8.734	105	349637	39.549	ng	99
24) Nitrobenzene	9.116	77	294867	40.894	ng	99
25) Isophorone	9.640	82	455272	36.503	ng	100
26) 2-Nitrophenol	9.822	139	119171	43.345	ng	98
27) 2,4-Dimethylphenol	9.887	122	138533	39.405	ng	98
28) bis(2-Chloroethoxy)met...	10.128	93	268858	38.100	ng	99
29) 2,4-Dichlorophenol	10.357	162	217499	40.927	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	275835	42.332	ng	99
31) Naphthalene	10.757	128	687974	40.422	ng	100
32) Benzoic acid	10.028	122	143638	41.935	ng	91
33) 4-Chloroaniline	10.875	127	244300	38.814	ng	99
34) Hexachlorobutadiene	11.028	225	212288	43.965	ng	99
35) Caprolactam	11.669	113	59020	39.230	ng	98
36) 4-Chloro-3-methylphenol	11.998	107	221228	38.178	ng	99
37) 2-Methylnaphthalene	12.363	142	450980	38.289	ng	99
38) 1-Methylnaphthalene	12.581	142	440649	38.070	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	302239	43.593	ng	99
41) Hexachlorocyclopentadiene	12.698	237	86996	27.776	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	179712	42.807	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	200683	43.532	ng	99
46) 1,1'-Biphenyl	13.375	154	568180	39.599	ng	99
47) 2-Chloronaphthalene	13.416	162	475876	40.403	ng	99
48) 2-Nitroaniline	13.628	65	141840	43.067	ng	99
49) Acenaphthylene	14.263	152	676639	40.947	ng	99
50) Dimethylphthalate	14.010	163	542148	39.394	ng	99
51) 2,6-Dinitrotoluene	14.134	165	129868	42.951	ng	91
52) Acenaphthene	14.604	154	417820	40.739	ng	99
53) 3-Nitroaniline	14.457	138	125913	45.313	ng	97
54) 2,4-Dinitrophenol	14.663	184	45565	29.024	ng	97
55) Dibenzofuran	14.940	168	688751	41.233	ng	97
56) 4-Nitrophenol	14.763	139	112314	49.313	ng	97
57) 2,4-Dinitrotoluene	14.916	165	184311	46.516	ng	99
58) Fluorene	15.592	166	559940	42.087	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	179724	46.349	ng	96
60) Diethylphthalate	15.375	149	539294	39.397	ng	99
61) 4-Chlorophenyl-phenyle...	15.587	204	307425	41.112	ng	97
62) 4-Nitroaniline	15.622	138	141230	48.489	ng	97
63) Azobenzene	15.887	77	520452	39.318	ng	97
65) 4,6-Dinitro-2-methylph...	15.675	198	76400	30.510	ng	97
66) n-Nitrosodiphenylamine	15.804	169	465216	35.372	ng	100
67) 4-Bromophenyl-phenylether	16.486	248	200176	36.462	ng	97
68) Hexachlorobenzene	16.586	284	249536	38.923	ng	97
69) Atrazine	16.769	200	158422	36.299	ng	98
70) Pentachlorophenol	16.939	266	186062	46.604	ng	99
71) Phenanthrene	17.339	178	919711	39.795	ng	99
72) Anthracene	17.428	178	926379	40.182	ng	99
73) Carbazole	17.704	167	899770	42.960	ng	100
74) Di-n-butylphthalate	18.263	149	937410	37.017	ng	99
75) Fluoranthene	19.304	202	1322110	46.829	ng	100
77) Benzidine	19.492	184	392704	35.560	ng	99
78) Pyrene	19.657	202	1398565	37.515	ng	100
80) Butylbenzylphthalate	20.545	149	499552	35.882	ng	99
81) Benzo(a)anthracene	21.374	228	1496542	40.247	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	542635	40.048	ng	98
83) Chrysene	21.427	228	1416001	40.111	ng	99
84) Bis(2-ethylhexyl)phtha...	21.316	149	698460	32.946	ng	99
85) Di-n-octyl phthalate	22.257	149	1261132	33.811	ng	99
87) Indeno(1,2,3-cd)pyrene	26.339	276	1889141	39.277	ng	98
88) Benzo(b)fluoranthene	23.068	252	1597599	40.342	ng	100
89) Benzo(k)fluoranthene	23.121	252	1537038	40.631	ng	100
90) Benzo(a)pyrene	23.704	252	1414344	40.139	ng	99
91) Dibenzo(a,h)anthracene	26.368	278	1558873	39.407	ng	98
92) Benzo(g,h,i)perylene	27.115	276	1579069	39.347	ng	98

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

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