Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
Data File : BP013547.D
Acq On : 23 Jan 2023 12:34
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 24 03:03:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 03:01:10 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.163	152	298822	20.000	ng		0.00
21) Naphthalene-d8	10.999	136	1247030	20.000	ng		0.00
39) Acenaphthene-d10	14.804	164	733503	20.000	ng		0.00
64) Phenanthrene-d10	17.557	188	1433151	20.000	ng		0.00
76) Chrysene-d12	21.633	240	1056785	20.000	ng		0.00
86) Perylene-d12	24.233	264	1104363	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	338366	19.401	ng		0.00
7) Phenol-d6	7.299	99	452892	19.294	ng		0.00
23) Nitrobenzene-d5	9.334	82	317907	16.830	ng		0.00
42) 2,4,6-Tribromophenol	16.286	330	125860	16.458	ng		0.00
45) 2-Fluorobiphenyl	13.428	172	1062261	19.879	ng		0.00
79) Terphenyl-d14	20.086	244	1188105	20.225	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.534	88	72336	10.288	ng		99
3) Pyridine	3.940	79	204973	9.850	ng		98
4) n-Nitrosodimethylamine	3.852	42	95476	10.117	ng	#	93
6) Aniline	7.475	93	311786	9.888	ng		100
8) 2-Chlorophenol	7.722	128	186351	9.683	ng		100
9) Benzaldehyde	7.287	77	158529	12.460	ng		96
10) Phenol	7.328	94	237242	9.755	ng		97
11) bis(2-Chloroethyl)ether	7.575	93	198264	9.970	ng		99
12) 1,3-Dichlorobenzene	8.052	146	212352	9.978	ng		98
13) 1,4-Dichlorobenzene	8.199	146	218466	10.124	ng		98
14) 1,2-Dichlorobenzene	8.522	146	211459	10.120	ng		99
15) Benzyl Alcohol	8.399	79	159546	9.513	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.693	45	278442	10.212	ng		99
17) 2-Methylphenol	8.599	107	172111	9.745	ng		99
18) Hexachloroethane	9.263	117	69931	9.695	ng		97
19) n-Nitroso-di-n-propyla...	8.969	70	156954	10.381	ng		96
20) 3+4-Methylphenols	8.928	107	223676	9.622	ng		96
22) Acetophenone	8.993	105	312818	9.778	ng	#	98
24) Nitrobenzene	9.375	77	177682	8.748	ng		97
25) Isophorone	9.904	82	436475	9.742	ng		100
26) 2-Nitrophenol	10.093	139	39693	6.268	ng		99
27) 2,4-Dimethylphenol	10.146	122	182345	9.232	ng		99
28) bis(2-Chloroethoxy)met...	10.393	93	259280	9.603	ng		98
29) 2,4-Dichlorophenol	10.628	162	161812	9.095	ng		100
30) 1,2,4-Trichlorobenzene	10.851	180	194140	9.562	ng		99
31) Naphthalene	11.046	128	650711	9.706	ng		100
32) Benzoic acid	10.204	122	48058	5.567	ng		95
33) 4-Chloroaniline	11.146	127	284553	9.592	ng		98
34) Hexachlorobutadiene	11.334	225	113982	9.647	ng		99
35) Caprolactam	11.893	113	50372	8.765	ng		97
36) 4-Chloro-3-methylphenol	12.251	107	175182	9.042	ng		99
37) 2-Methylnaphthalene	12.640	142	464090	9.739	ng		99
38) 1-Methylnaphthalene	12.857	142	437204	9.764	ng		100
40) 1,2,4,5-Tetrachloroben...	13.004	216	216644	9.593	ng		99
41) Hexachlorocyclopentadiene	12.987	237	80077	7.533	ng		95
43) 2,4,6-Trichlorophenol	13.234	196	113601	8.595	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.304	196	135447	8.673	ng		99
46)	1,1'-Biphenyl	13.640	154	574308	9.749	ng		99
47)	2-Chloronaphthalene	13.681	162	429374	9.729	ng		99
48)	2-Nitroaniline	13.875	65	55566	6.293	ng		99
49)	Acenaphthylene	14.528	152	697120	9.659	ng		100
50)	Dimethylphthalate	14.245	163	524089	9.612	ng		99
51)	2,6-Dinitrotoluene	14.363	165	60503	6.872	ng	#	84
52)	Acenaphthene	14.863	154	427245	9.583	ng		98
53)	3-Nitroaniline	14.692	138	71299	7.064	ng	#	86
54)	2,4-Dinitrophenol	14.892	184	13822	5.152	ng	#	63
55)	Dibenzofuran	15.198	168	671763	9.826	ng		99
56)	4-Nitrophenol	14.981	139	53210	6.462	ng		87
57)	2,4-Dinitrotoluene	15.151	165	64262	6.071	ng		96
58)	Fluorene	15.851	166	529954	9.753	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.416	232	104236m	8.692	ng		
60)	Diethylphthalate	15.610	149	507345	9.527	ng		100
61)	4-Chlorophenyl-phenyle...	15.839	204	258614	9.679	ng		99
62)	4-Nitroaniline	15.851	138	72632	7.053	ng	#	84
63)	Azobenzene	16.134	77	509151	9.839	ng		99
65)	4,6-Dinitro-2-methylph...	15.910	198	19099	4.611	ng		92
66)	n-Nitrosodiphenylamine	16.051	169	452272	9.677	ng		99
67)	4-Bromophenyl-phenylether	16.739	248	150227	9.463	ng		99
68)	Hexachlorobenzene	16.851	284	162523	9.478	ng		96
69)	Atrazine	16.998	200	122657	9.172	ng		98
70)	Pentachlorophenol	17.198	266	71173	7.127	ng		97
71)	Phenanthrene	17.598	178	770165	9.659	ng		99
72)	Anthracene	17.686	178	777509	9.607	ng		99
73)	Carbazole	17.951	167	689355	9.478	ng		100
74)	Di-n-butylphthalate	18.492	149	713660	8.816	ng		99
75)	Fluoranthene	19.545	202	780916	9.209	ng		100
77)	Benzidine	19.716	184	276295	10.395	ng		100
78)	Pyrene	19.898	202	810530	10.031	ng		99
80)	Butylbenzylphthalate	20.763	149	215067	8.066	ng		98
81)	Benzo(a)anthracene	21.622	228	705747	9.586	ng		100
82)	3,3'-Dichlorobenzidine	21.539	252	206292	8.697	ng		98
83)	Chrysene	21.674	228	683609	9.708	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.533	149	357723	8.688	ng		100
85)	Di-n-octyl phthalate	22.527	149	550012	8.285	ng		97
87)	Indeno(1,2,3-cd)pyrene	26.974	276	770586	9.473	ng		100
88)	Benzo(b)fluoranthene	23.433	252	634029	9.333	ng		99
89)	Benzo(k)fluoranthene	23.486	252	661387	9.545	ng		100
90)	Benzo(a)pyrene	24.115	252	617546	9.370	ng		99
91)	Dibenzo(a,h)anthracene	26.992	278	646475	9.475	ng		99
92)	Benzo(g,h,i)perylene	27.815	276	641478	7.886	ng		99

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

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