Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013124\
Data File : BP019498.D
Acq On : 31 Jan 2024 19:55
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 01 00:10:34 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 00:02:04 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	80404	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	303260	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	178390	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	336436	20.000	ng	0.00
76) Chrysene-d12	21.392	240	277603	20.000	ng	0.00
86) Perylene-d12	23.810	264	354923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	601445	121.074	ng	0.00
7) Phenol-d6	7.087	99	834123	120.290	ng	0.00
23) Nitrobenzene-d5	9.087	82	877171	124.713	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	312858	116.622	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	1820583	128.434	ng	0.00
79) Terphenyl-d14	19.869	244	2147915	123.875	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	112542	59.530	ng	99
3) Pyridine	3.781	79	323359m	60.038	ng	
4) n-Nitrosodimethylamine	3.705	42	146358	63.470	ng	98
6) Aniline	7.252	93	406127	59.302	ng	99
8) 2-Chlorophenol	7.481	128	317407	61.226	ng	98
9) Benzaldehyde	7.064	77	296198m	73.160	ng	
10) Phenol	7.116	94	414144	60.206	ng	99
11) bis(2-Chloroethyl)ether	7.352	93	319082	60.050	ng	98
12) 1,3-Dichlorobenzene	7.799	146	382144	60.988	ng	98
13) 1,4-Dichlorobenzene	7.952	146	385857	60.949	ng	99
14) 1,2-Dichlorobenzene	8.263	146	371511	60.099	ng	98
15) Benzyl Alcohol	8.164	79	338064	59.672	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.458	45	319565m	59.248	ng	
17) 2-Methylphenol	8.363	107	281494	60.066	ng	98
18) Hexachloroethane	8.987	117	149440	60.560	ng	96
19) n-Nitroso-di-n-propyla...	8.740	70	277493	57.818	ng	98
20) 3+4-Methylphenols	8.699	107	384193	59.279	ng	96
22) Acetophenone	8.746	105	534140	61.379	ng	100
24) Nitrobenzene	9.128	77	440182	61.964	ng	99
25) Isophorone	9.652	82	731448	58.234	ng	100
26) 2-Nitrophenol	9.834	139	176301	65.371	ng	98
27) 2,4-Dimethylphenol	9.899	122	214021	61.285	ng	99
28) bis(2-Chloroethoxy)met...	10.146	93	420708	60.692	ng	99
29) 2,4-Dichlorophenol	10.363	162	324149	61.729	ng	99
30) 1,2,4-Trichlorobenzene	10.581	180	387381	61.123	ng	99
31) Naphthalene	10.769	128	1015818	60.985	ng	99
32) Benzoic acid	10.046	122	221077	62.504	ng	99
33) 4-Chloroaniline	10.887	127	372533	58.515	ng	98
34) Hexachlorobutadiene	11.040	225	290242	62.762	ng	98
35) Caprolactam	11.681	113	82945	50.530	ng	92
36) 4-Chloro-3-methylphenol	12.004	107	336962	56.683	ng	99
37) 2-Methylnaphthalene	12.375	142	696440	59.616	ng	99
38) 1-Methylnaphthalene	12.593	142	679510	58.834	ng	100
40) 1,2,4,5-Tetrachloroben...	12.740	216	441284	66.391	ng	99
41) Hexachlorocyclopentadiene	12.710	237	205857	70.480	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	266659	64.464	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.051	196	289707	63.614	ng	100
46)	1,1'-Biphenyl	13.387	154	892475	63.573	ng	100
47)	2-Chloronaphthalene	13.428	162	732548	63.563	ng	99
48)	2-Nitroaniline	13.640	65	206252	61.227	ng	97
49)	Acenaphthylene	14.269	152	1006891	61.127	ng	99
50)	Dimethylphthalate	14.022	163	815847	58.654	ng	99
51)	2,6-Dinitrotoluene	14.140	165	186185	60.962	ng	98
52)	Acenaphthene	14.610	154	622268	60.699	ng	99
53)	3-Nitroaniline	14.463	138	166455	57.956	ng	93
54)	2,4-Dinitrophenol	14.669	184	98376	62.990	ng	95
55)	Dibenzofuran	14.945	168	1003815	60.363	ng	100
56)	4-Nitrophenol	14.769	139	133356	55.637	ng	97
57)	2,4-Dinitrotoluene	14.922	165	240054	58.280	ng	98
58)	Fluorene	15.598	166	793294	58.825	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.169	232	230494	58.572	ng	99
60)	Diethylphthalate	15.387	149	789324	56.554	ng	100
61)	4-Chlorophenyl-phenyle...	15.598	204	446700	59.936	ng	98
62)	4-Nitroaniline	15.628	138	166962	54.247	ng	100
63)	Azobenzene	15.893	77	776982	58.409	ng	98
65)	4,6-Dinitro-2-methylph...	15.681	198	131083	67.744	ng	97
66)	n-Nitrosodiphenylamine	15.816	169	648729	65.659	ng	100
67)	4-Bromophenyl-phenylether	16.498	248	271864	66.258	ng	98
68)	Hexachlorobenzene	16.592	284	314020	65.626	ng	99
69)	Atrazine	16.775	200	184253	54.930	ng	96
70)	Pentachlorophenol	16.945	266	195582	63.647	ng	99
71)	Phenanthrene	17.345	178	1106005	62.614	ng	99
72)	Anthracene	17.439	178	1095995	61.954	ng	99
73)	Carbazole	17.710	167	962482	58.643	ng	100
74)	Di-n-butylphthalate	18.275	149	1140112	58.725	ng	100
75)	Fluoranthene	19.310	202	1250514	56.442	ng	100
77)	Benzidine	19.498	184	293486	53.851	ng	99
78)	Pyrene	19.663	202	1261352	62.162	ng	100
80)	Butylbenzylphthalate	20.557	149	452182	61.222	ng	98
81)	Benzo(a)anthracene	21.380	228	1205351	61.328	ng	100
82)	3,3'-Dichlorobenzidine	21.316	252	425974	60.486	ng	99
83)	Chrysene	21.433	228	1152128	61.940	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.328	149	644496	59.345	ng	99
85)	Di-n-octyl phthalate	22.275	149	1151326	62.910	ng	100
87)	Indeno(1,2,3-cd)pyrene	26.351	276	1749262	67.398	ng	99
88)	Benzo(b)fluoranthene	23.074	252	1389885	60.256	ng	99
89)	Benzo(k)fluoranthene	23.127	252	1274428	58.677	ng	100
90)	Benzo(a)pyrene	23.710	252	1231764	61.804	ng	99
91)	Dibenzo(a,h)anthracene	26.380	278	1435521	67.569	ng	99
92)	Benzo(g,h,i)perylene	27.127	276	1464099	67.614	ng	97

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

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