Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091024\
Data File : BP021877.D
Acq On : 10 Sep 2024 15:46
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 10 16:46:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 16:24:23 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	246393	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1050743	20.000	ng	0.00
39) Acenaphthene-d10	14.386	164	690306	20.000	ng	0.00
64) Phenanthrene-d10	17.169	188	1330199	20.000	ng	0.00
76) Chrysene-d12	21.621	240	1391363	20.000	ng	0.00
86) Perylene-d12	24.962	264	1573786	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2526066	148.031	ng	0.00
7) Phenol-d6	6.946	99	3846767	166.587	ng	0.00
23) Nitrobenzene-d5	8.910	82	3620245	156.087	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	1257192	163.893	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	6531870	155.631	ng	0.00
79) Terphenyl-d14	19.904	244	10157865	155.915	ng	0.01
Target Compounds						Qvalue
3) Pyridine	3.699	79	1434661m	63.943	ng	
6) Aniline	7.099	93	1614234	79.830	ng	99
8) 2-Chlorophenol	7.340	128	1302629	82.966	ng	100
9) Benzaldehyde	6.910	77	709977	58.155	ng	99
10) Phenol	6.969	94	2015332	85.914	ng	97
11) bis(2-Chloroethyl)ether	7.193	93	1505986	83.451	ng	99
12) 1,3-Dichlorobenzene	7.657	146	1376469	75.668	ng	99
13) 1,4-Dichlorobenzene	7.799	146	1416170	76.782	ng	99
14) 1,2-Dichlorobenzene	8.116	146	1343910	72.971	ng	98
15) Benzyl Alcohol	7.999	79	1388747	80.954	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.287	45	1377362	74.144	ng	98
17) 2-Methylphenol	8.204	107	1321599	79.726	ng	98
18) Hexachloroethane	8.834	117	540060	70.257	ng	99
19) n-Nitroso-di-n-propyla...	8.569	70	1029525	71.235	ng	99
20) 3+4-Methylphenols	8.528	107	1699206	74.398	ng	99
22) Acetophenone	8.581	105	2222180	68.502	ng	100
24) Nitrobenzene	8.957	77	1850874	80.502	ng	97
25) Isophorone	9.481	82	3327012	82.646	ng	99
26) 2-Nitrophenol	9.657	139	710131	88.803	ng	99
27) 2,4-Dimethylphenol	9.722	122	945268	82.360	ng	99
28) bis(2-Chloroethoxy)met...	9.951	93	2096855	80.170	ng	100
29) 2,4-Dichlorophenol	10.193	162	1241557	83.174	ng	98
30) 1,2,4-Trichlorobenzene	10.404	180	1323110	77.042	ng	98
31) Naphthalene	10.593	128	4209252	76.478	ng	100
32) Benzoic acid	9.898	122	1155026	90.650	ng	98
33) 4-Chloroaniline	10.698	127	1527451	75.657	ng	99
34) Hexachlorobutadiene	10.875	225	805870	75.598	ng	99
35) Caprolactam	11.504	113	533544	86.069	ng	98
36) 4-Chloro-3-methylphenol	11.828	107	1774404	82.284	ng	99
37) 2-Methylnaphthalene	12.192	142	2833211	76.944	ng	99
38) 1-Methylnaphthalene	12.416	142	2838238	77.200	ng	98
40) 1,2,4,5-Tetrachloroben...	12.563	216	1449359	81.322	ng	99
41) Hexachlorocyclopentadiene	12.545	237	459936	79.983	ng	96
43) 2,4,6-Trichlorophenol	12.810	196	1000083	87.291	ng	99
44) 2,4,5-Trichlorophenol	12.881	196	1144650	85.932	ng	100
46) 1,1'-Biphenyl	13.210	154	3694898	76.736	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.251	162	2887425	77.145	ng	100
48) 2-Nitroaniline	13.457	65	1096091	83.998	ng	99
49) Acenaphthylene	14.104	152	4375830	79.007	ng	99
50) Dimethylphthalate	13.845	163	3712281	78.111	ng	100
51) 2,6-Dinitrotoluene	13.957	165	872821	83.045	ng	100
52) Acenaphthene	14.451	154	2730043	76.241	ng	99
53) 3-Nitroaniline	14.286	138	873370	80.934	ng	96
54) 2,4-Dinitrophenol	14.492	184	475139	94.863	ng	98
55) Dibenzofuran	14.786	168	4332252	76.912	ng	99
56) 4-Nitrophenol	14.604	139	814026	86.972	ng	97
57) 2,4-Dinitrotoluene	14.751	165	1234540	85.188	ng	99
58) Fluorene	15.451	166	3476187	74.883	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	943078	80.518	ng	99
60) Diethylphthalate	15.216	149	3800505	77.046	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	1683282	74.777	ng	98
62) 4-Nitroaniline	15.469	138	985810	83.549	ng	97
63) Azobenzene	15.733	77	4270797	76.943	ng	99
66) n-Nitrosodiphenylamine	15.657	169	3066417	90.041	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	1119976	89.333	ng	99
68) Hexachlorobenzene	16.469	284	1296516	86.584	ng	98
69) Atrazine	16.628	200	868956	86.998	ng	98
70) Pentachlorophenol	16.816	266	915495	95.614	ng	98
71) Phenanthrene	17.216	178	5101123	77.570	ng	99
72) Anthracene	17.316	178	5491083	85.748	ng	100
73) Carbazole	17.592	167	5658187	86.071	ng	99
74) Di-n-butylphthalate	18.180	149	6583094	90.546	ng	99
75) Fluoranthene	19.304	202	7024586	88.231	ng	98
77) Benzidine	19.498	184	1659860	86.563	ng	99
78) Pyrene	19.680	202	7333628	83.522	ng	100
80) Butylbenzylphthalate	20.633	149	3089839	85.508	ng	98
81) Benzo(a)anthracene	21.598	228	6850844	77.607	ng	99
82) 3,3'-Dichlorobenzidine	21.521	252	2267318	81.300	ng	98
83) Chrysene	21.668	228	6495840	76.440	ng	98
84) Bis(2-ethylhexyl)phtha...	21.533	149	4294495	83.007	ng	100
85) Di-n-octyl phthalate	22.815	149	7424593	87.166	ng	100
87) Indeno(1,2,3-cd)pyrene	28.756	276	7823980m	79.082	ng	
88) Benzo(b)fluoranthene	23.909	252	7381402	81.440	ng	100
89) Benzo(k)fluoranthene	23.980	252	6920263	78.760	ng	99
90) Benzo(a)pyrene	24.809	252	6440284	81.981	ng	100
91) Dibenzo(a,h)anthracene	28.839	278	6406545	78.321	ng	99
92) Benzo(g,h,i)perylene	29.950	276	6892108	80.323	ng	98

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

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