Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
Data File : BP021568.D
Acq On : 20 Aug 2024 11:31
Operator : RC/JU
Sample : PB162822BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 20 12:11:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB162822BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	494651	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	2073175	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	1389376	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	3038381	20.000	ng	0.00
76) Chrysene-d12	21.727	240	2684396	20.000	ng	0.03
86) Perylene-d12	25.168	264	2880701	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	4632548	139.062	ng	0.02
7) Phenol-d6	6.981	99	6354941	130.771	ng	0.02
23) Nitrobenzene-d5	8.957	82	3764035	93.712	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	2430215	157.161	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	7244303	79.575	ng	0.00
79) Terphenyl-d14	19.980	244	11775634	85.222	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	450308	28.508	ng	99
3) Pyridine	3.717	79	1265449m	28.698	ng	
4) n-Nitrosodimethylamine	3.622	42	562224	42.420	ng	90
6) Aniline	7.134	93	1353041	27.851	ng	97
8) 2-Chlorophenol	7.381	128	1635284	53.119	ng	94
9) Benzaldehyde	6.946	77	523494m	16.825	ng	
10) Phenol	7.005	94	2456949	48.824	ng	97
11) bis(2-Chloroethyl)ether	7.228	93	1787223	41.972	ng	96
12) 1,3-Dichlorobenzene	7.705	146	1603283	43.844	ng	96
13) 1,4-Dichlorobenzene	7.846	146	1626757	44.056	ng	98
14) 1,2-Dichlorobenzene	8.157	146	1576656	44.308	ng	99
15) Benzyl Alcohol	8.046	79	1665499	47.766	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.328	45	1679419	42.828	ng	97
17) 2-Methylphenol	8.246	107	1581707	49.719	ng	97
18) Hexachloroethane	8.893	117	671831	45.372	ng	97
19) n-Nitroso-di-n-propyla...	8.610	70	1291565	38.475	ng	95
20) 3+4-Methylphenols	8.575	107	2208573	51.486	ng	98
22) Acetophenone	8.622	105	2535541	39.810	ng	98
24) Nitrobenzene	8.999	77	1948611	44.668	ng	91
25) Isophorone	9.528	82	3876788	40.856	ng	97
26) 2-Nitrophenol	9.704	139	810333	63.198	ng	94
27) 2,4-Dimethylphenol	9.769	122	1260392	53.822	ng	97
28) bis(2-Chloroethoxy)met...	10.004	93	2441309	42.148	ng	99
29) 2,4-Dichlorophenol	10.240	162	1550319	56.031	ng	97
30) 1,2,4-Trichlorobenzene	10.457	180	1545646	43.572	ng	98
31) Naphthalene	10.646	128	4750296	43.861	ng	100
32) Benzoic acid	9.928	122	1255905	69.217	ng	91
33) 4-Chloroaniline	10.746	127	1147903	28.216	ng	97
34) Hexachlorobutadiene	10.940	225	927946	41.546	ng	99
35) Caprolactam	11.534	113	591792m	51.386	ng	
36) 4-Chloro-3-methylphenol	11.875	107	2044802	53.276	ng	96
37) 2-Methylnaphthalene	12.257	142	3311877	44.806	ng	100
38) 1-Methylnaphthalene	12.481	142	3109322	42.651	ng	100
40) 1,2,4,5-Tetrachloroben...	12.634	216	1660023	40.778	ng	99
41) Hexachlorocyclopentadiene	12.610	237	1502725	116.470	ng	100
43) 2,4,6-Trichlorophenol	12.869	196	1291184	57.099	ng	99

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44) 2,4,5-Trichlorophenol	12.945	196	1389021	55.286	ng		98
46) 1,1'-Biphenyl	13.275	154	3996688	40.658	ng		98
47) 2-Chloronaphthalene	13.316	162	3361372	43.922	ng		99
48) 2-Nitroaniline	13.510	65	1188075	54.598	ng	#	85
49) Acenaphthylene	14.169	152	5500221	48.890	ng		100
50) Dimethylphthalate	13.904	163	4461019	47.945	ng		99
51) 2,6-Dinitrotoluene	14.010	165	982980	52.003	ng		93
52) Acenaphthene	14.516	154	3809412m	51.606	ng		
53) 3-Nitroaniline	14.345	138	796079	43.541	ng	#	90
54) 2,4-Dinitrophenol	14.557	184	1036408	123.071	ng	#	87
55) Dibenzofuran	14.857	168	5192990	45.731	ng		99
56) 4-Nitrophenol	14.669	139	1830474	116.168	ng	#	85
57) 2,4-Dinitrotoluene	14.816	165	1414718	58.078	ng	#	84
58) Fluorene	15.516	166	4077699	43.711	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.087	232	1266843	59.406	ng		99
60) Diethylphthalate	15.287	149	4548361	47.643	ng		99
61) 4-Chlorophenyl-phenyle...	15.510	204	2084668	43.232	ng		98
62) 4-Nitroaniline	15.528	138	1019125	53.376	ng		92
63) Azobenzene	15.810	77	4900001	41.754	ng		95
65) 4,6-Dinitro-2-methylph...	15.592	198	760962	70.607	ng		95
66) n-Nitrosodiphenylamine	15.728	169	3761401	46.195	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	1446723	44.989	ng		99
68) Hexachlorobenzene	16.545	284	1689715	44.464	ng		100
69) Atrazine	16.710	200	1219298	43.616	ng		100
70) Pentachlorophenol	16.898	266	2234935	107.752	ng		99
71) Phenanthrene	17.304	178	6812697	46.623	ng		100
72) Anthracene	17.392	178	6814116	47.550	ng		100
73) Carbazole	17.669	167	6597878	47.774	ng		99
74) Di-n-butylphthalate	18.275	149	8213695	48.427	ng		99
75) Fluoranthene	19.386	202	8258942	46.065	ng		99
77) Benzidine	19.575	184	1737317	27.868	ng		99
78) Pyrene	19.763	202	8508675	48.494	ng		100
80) Butylbenzylphthalate	20.716	149	3674312	54.638	ng		95
81) Benzo(a)anthracene	21.704	228	8065910	47.864	ng		99
82) 3,3'-Dichlorobenzidine	21.621	252	2385563	44.152	ng		99
83) Chrysene	21.774	228	7638418	48.009	ng		99
84) Bis(2-ethylhexyl)phtha...	21.657	149	5396475	54.182	ng		100
85) Di-n-octyl phthalate	22.980	149	9325220	52.766	ng		97
87) Indeno(1,2,3-cd)pyrene	29.092	276	10117374m	54.182	ng		
88) Benzo(b)fluoranthene	24.086	252	8554644	51.707	ng		100
89) Benzo(k)fluoranthene	24.157	252	8136624	50.415	ng		99
90) Benzo(a)pyrene	25.010	252	7802789	54.347	ng		99
91) Dibenzo(a,h)anthracene	29.198	278	8263413	53.260	ng		99
92) Benzo(g,h,i)perylene	30.303	276	7985298	51.350	ng		100

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

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