Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
Data File : BP019891.D
Acq On : 27 Feb 2024 11:54
Operator : MA/JU
Sample : PB159140BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 27 12:21:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 02:05:05 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB159140BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	90997	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	356872	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	235427	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	474849	20.000	ng	0.00
76) Chrysene-d12	21.398	240	341149	20.000	ng	-0.01
86) Perylene-d12	23.821	264	333884	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	796188	143.613	ng	0.00
7) Phenol-d6	7.075	99	1058448	128.232	ng	0.00
23) Nitrobenzene-d5	9.075	82	718204	81.247	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	531726	131.721	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1681573	96.505	ng	0.00
79) Terphenyl-d14	19.869	244	2187894	101.083	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	70462	36.746	ng	98
3) Pyridine	3.775	79	186623	31.820	ng	99
4) n-Nitrosodimethylamine	3.699	42	110946	45.905	ng	96
6) Aniline	7.234	93	245614	24.257	ng	97
8) 2-Chlorophenol	7.463	128	288335	48.230	ng	99
9) Benzaldehyde	7.046	77	62592m	13.285	ng	
10) Phenol	7.105	94	376935	45.797	ng	98
11) bis(2-Chloroethyl)ether	7.340	93	271944	41.951	ng	99
12) 1,3-Dichlorobenzene	7.787	146	305810	47.115	ng	99
13) 1,4-Dichlorobenzene	7.934	146	315752	48.040	ng	100
14) 1,2-Dichlorobenzene	8.246	146	303013	45.957	ng	98
15) Benzyl Alcohol	8.152	79	301591m	41.417	ng	
16) 2,2'-oxybis(1-Chloropr...	8.422	45	267117m	38.594	ng	
17) 2-Methylphenol	8.352	107	248166	40.316	ng	98
18) Hexachloroethane	8.963	117	119239	46.816	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	230613	36.984	ng	97
20) 3+4-Methylphenols	8.681	107	344361	38.934	ng	98
22) Acetophenone	8.734	105	448791	40.491	ng	98
24) Nitrobenzene	9.116	77	354957	41.477	ng	99
25) Isophorone	9.646	82	621883	40.418	ng	99
26) 2-Nitrophenol	9.822	139	158822	46.381	ng	98
27) 2,4-Dimethylphenol	9.881	122	223263	39.495	ng	98
28) bis(2-Chloroethoxy)met...	10.128	93	360749	42.013	ng	98
29) 2,4-Dichlorophenol	10.351	162	306328	48.581	ng	98
30) 1,2,4-Trichlorobenzene	10.563	180	335893	48.489	ng	97
31) Naphthalene	10.751	128	851202	44.548	ng	99
32) Benzoic acid	10.063	122	210112	43.870	ng	96
33) 4-Chloroaniline	10.881	127	160804	18.523	ng	99
34) Hexachlorobutadiene	11.016	225	242115	48.063	ng	98
35) Caprolactam	11.693	113	79938	34.378	ng	94
36) 4-Chloro-3-methylphenol	12.004	107	324738	41.749	ng	100
37) 2-Methylnaphthalene	12.363	142	608959	41.055	ng	98
38) 1-Methylnaphthalene	12.581	142	583976	41.608	ng	96
40) 1,2,4,5-Tetrachloroben...	12.728	216	429631	53.424	ng	100
41) Hexachlorocyclopentadiene	12.692	237	511457	122.826	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	272955	51.406	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	297211	46.989	ng	97
46) 1,1'-Biphenyl	13.381	154	844877	50.121	ng	99
47) 2-Chloronaphthalene	13.422	162	675589	51.635	ng	99
48) 2-Nitroaniline	13.639	65	203171	42.964	ng	97
49) Acenaphthylene	14.263	152	1039902	49.058	ng	100
50) Dimethylphthalate	14.016	163	810560	42.176	ng	99
51) 2,6-Dinitrotoluene	14.139	165	178150	43.070	ng	100
52) Acenaphthene	14.604	154	588771	46.259	ng	99
53) 3-Nitroaniline	14.469	138	100904	24.644	ng	95
54) 2,4-Dinitrophenol	14.686	184	240215	89.091	ng	98
55) Dibenzofuran	14.945	168	998588	45.971	ng	99
56) 4-Nitrophenol	14.786	139	259120	80.902	ng	97
57) 2,4-Dinitrotoluene	14.928	165	242976	41.275	ng	98
58) Fluorene	15.598	166	793437	45.038	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	265900	45.820	ng	97
60) Diethylphthalate	15.381	149	761954	40.131	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	459892	45.646	ng	99
62) 4-Nitroaniline	15.639	138	150157m	35.210	ng	
63) Azobenzene	15.886	77	758105	42.890	ng	100
65) 4,6-Dinitro-2-methylph...	15.692	198	150952	46.836	ng	98
66) n-Nitrosodiphenylamine	15.816	169	666245	48.897	ng	100
67) 4-Bromophenyl-phenylether	16.492	248	291123	49.583	ng	99
68) Hexachlorobenzene	16.592	284	335649	53.008	ng	99
69) Atrazine	16.780	200	219348	38.475	ng	98
70) Pentachlorophenol	16.945	266	420765	89.900	ng	99
71) Phenanthrene	17.345	178	1159714	45.755	ng	100
72) Anthracene	17.439	178	1151522	44.505	ng	99
73) Carbazole	17.716	167	950688	41.486	ng	99
74) Di-n-butylphthalate	18.269	149	1110175	38.736	ng	100
75) Fluoranthene	19.316	202	1256923	38.212	ng	100
77) Benzidine	19.504	184	302855	30.905	ng	99
78) Pyrene	19.669	202	1260443	53.775	ng	99
80) Butylbenzylphthalate	20.557	149	419739	44.782	ng	97
81) Benzo(a)anthracene	21.386	228	1128648	46.608	ng	99
82) 3,3'-Dichlorobenzidine	21.321	252	343833	37.020	ng	97
83) Chrysene	21.439	228	1046296	46.110	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	563467	41.879	ng	99
85) Di-n-octyl phthalate	22.263	149	901929	40.279	ng	99
87) Indeno(1,2,3-cd)pyrene	26.356	276	1216466	51.752	ng	99
88) Benzo(b)fluoranthene	23.080	252	1066245	52.088	ng	99
89) Benzo(k)fluoranthene	23.133	252	956641	47.652	ng	100
90) Benzo(a)pyrene	23.715	252	923015	47.183	ng	99
91) Dibenzo(a,h)anthracene	26.386	278	1004103	50.814	ng	99
92) Benzo(g,h,i)perylene	27.139	276	984524	51.612	ng	99

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

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