Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091024\
Data File : BP021875.D
Acq On : 10 Sep 2024 14:22
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 10 16:44:10 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 :
SSTDICC050

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	252330	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	807779	20.000	ng	#	0.00
39) Acenaphthene-d10	14.386	164	729998	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	1627157	20.000	ng		0.02
76) Chrysene-d12	21.610	240	1549223	20.000	ng		-0.01
86) Perylene-d12	24.957	264	1805784	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1739350	99.530	ng		0.00
7) Phenol-d6	6.940	99	2528143	106.907	ng		0.00
23) Nitrobenzene-d5	8.904	82	1978830	110.979	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	811596	100.050	ng		0.00
45) 2-Fluorobiphenyl	12.992	172	3492797	78.696	ng		0.00
79) Terphenyl-d14	19.898	244	7350819	101.332	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	371066	41.799	ng		99
3) Pyridine	3.699	79	1014766m	44.164	ng		
4) n-Nitrosodimethylamine	3.605	42	353195	40.740	ng		98
6) Aniline	7.099	93	1052667	50.834	ng		99
8) 2-Chlorophenol	7.334	128	812851	50.553	ng		97
9) Benzaldehyde	6.910	77	643259	51.450	ng		100
10) Phenol	6.969	94	1276337	53.130	ng		96
11) bis(2-Chloroethyl)ether	7.193	93	966446	52.294	ng		99
12) 1,3-Dichlorobenzene	7.657	146	894256	48.003	ng		98
13) 1,4-Dichlorobenzene	7.799	146	901241	47.714	ng		99
14) 1,2-Dichlorobenzene	8.110	146	860640	45.631	ng		99
15) Benzyl Alcohol	7.999	79	862338	49.085	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.287	45	902404	47.434	ng		97
17) 2-Methylphenol	8.204	107	819626	48.281	ng		98
18) Hexachloroethane	8.834	117	339459	43.122	ng		98
19) n-Nitroso-di-n-propyla...	8.563	70	728978	49.253	ng		98
20) 3+4-Methylphenols	8.528	107	1143528	48.890	ng		99
22) Acetophenone	8.575	105	1544577	61.936	ng	#	99
24) Nitrobenzene	8.946	77	835660	47.279	ng		96
25) Isophorone	9.475	82	1448703	46.811	ng		96
26) 2-Nitrophenol	9.651	139	312028	50.756	ng		98
27) 2,4-Dimethylphenol	9.716	122	428645	48.581	ng		99
28) bis(2-Chloroethoxy)met...	9.946	93	916713	45.591	ng		99
29) 2,4-Dichlorophenol	10.187	162	571449	49.797	ng		98
30) 1,2,4-Trichlorobenzene	10.398	180	629927	47.712	ng		98
31) Naphthalene	10.581	128	2003680	47.355	ng		100
32) Benzoic acid	9.875	122	528944m	53.999	ng		
33) 4-Chloroaniline	10.693	127	757999	48.838	ng		98
34) Hexachlorobutadiene	10.869	225	402006	49.055	ng		99
35) Caprolactam	11.487	113	251115	52.693	ng		97
36) 4-Chloro-3-methylphenol	11.816	107	873172	52.670	ng		98
37) 2-Methylnaphthalene	12.187	142	1408754	49.767	ng		98
38) 1-Methylnaphthalene	12.410	142	1388524	49.127	ng		99
40) 1,2,4,5-Tetrachloroben...	12.557	216	725354	38.486	ng		99
41) Hexachlorocyclopentadiene	12.545	237	252587	41.537	ng		98
43) 2,4,6-Trichlorophenol	12.804	196	492343	40.637	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	572863	40.668	ng	99
46) 1,1'-Biphenyl	13.204	154	2381514	46.770	ng	99
47) 2-Chloronaphthalene	13.251	162	1884126	47.602	ng	99
48) 2-Nitroaniline	13.451	65	716681	51.936	ng	99
49) Acenaphthylene	14.104	152	2833726	48.382	ng	100
50) Dimethylphthalate	13.839	163	2444476	48.638	ng	100
51) 2,6-Dinitrotoluene	13.951	165	568865	51.182	ng	98
52) Acenaphthene	14.445	154	1770763	46.763	ng	100
53) 3-Nitroaniline	14.286	138	579278	50.762	ng	98
54) 2,4-Dinitrophenol	14.498	184	295559	55.801	ng	97
55) Dibenzofuran	14.792	168	2869087	48.167	ng	99
56) 4-Nitrophenol	14.604	139	536197	54.173	ng	99
57) 2,4-Dinitrotoluene	14.757	165	817368	53.335	ng	99
58) Fluorene	15.451	166	2333940	47.544	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	616606	49.782	ng	99
60) Diethylphthalate	15.216	149	2538130	48.657	ng	100
61) 4-Chlorophenyl-phenyle...	15.445	204	1135731	47.710	ng	98
62) 4-Nitroaniline	15.469	138	654525	52.456	ng	99
63) Azobenzene	15.751	77	2902879	49.455	ng	98
65) 4,6-Dinitro-2-methylph...	15.528	198	414859	48.387	ng	98
66) n-Nitrosodiphenylamine	15.663	169	2049755	49.204	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	733520	47.830	ng	98
68) Hexachlorobenzene	16.486	284	872227	47.619	ng	97
69) Atrazine	16.633	200	656768	53.754	ng	98
70) Pentachlorophenol	16.828	266	593375	50.662	ng	98
71) Phenanthrene	17.228	178	3790653	47.123	ng	100
72) Anthracene	17.316	178	3689727	47.103	ng	100
73) Carbazole	17.598	167	3831029	47.641	ng	99
74) Di-n-butylphthalate	18.192	149	4511004	50.722	ng	100
75) Fluoranthene	19.304	202	4834208	49.638	ng	99
77) Benzidine	19.498	184	934815	43.784	ng	99
78) Pyrene	19.680	202	5029563	51.444	ng	100
80) Butylbenzylphthalate	20.627	149	2116836	52.612	ng	97
81) Benzo(a)anthracene	21.592	228	4850661	49.349	ng	99
82) 3,3'-Dichlorobenzidine	21.510	252	1612755	51.937	ng	99
83) Chrysene	21.663	228	4586480	48.472	ng	100
84) Bis(2-ethylhexyl)phtha...	21.533	149	3095691	53.739	ng	100
85) Di-n-octyl phthalate	22.810	149	5185395	54.674	ng	100
87) Indeno(1,2,3-cd)pyrene	28.756	276	5468485	48.172	ng	94
88) Benzo(b)fluoranthene	23.904	252	5090174	48.946	ng	98
89) Benzo(k)fluoranthene	23.968	252	4925641	48.857	ng	100
90) Benzo(a)pyrene	24.798	252	4495732	49.875	ng	100
91) Dibenzo(a,h)anthracene	28.833	278	4439818	47.304	ng	99
92) Benzo(g,h,i)perylene	29.933	276	4710335	47.843	ng	99

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

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