

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120424\
 Data File : BP023332.D
 Acq On : 04 Dec 2024 14:55
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2024
 Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 04 22:46:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP120424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 22:35:54 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.540	152	96578	20.000	ng	0.00	
21) Naphthalene-d8	10.293	136	351349	20.000	ng	0.01	
39) Acenaphthene-d10	14.163	164	263398	20.000	ng	0.00	
64) Phenanthrene-d10	16.969	188	606308	20.000	ng	# 0.00	
76) Chrysene-d12	21.404	240	649496	20.000	ng	0.00	
86) Perylene-d12	24.592	264	784888	20.000	ng	-0.01	
System Monitoring Compounds							
5) 2-Fluorophenol	5.187	112	200677	40.074	ng	0.00	
7) Phenol-d6	6.740	99	285384	40.119	ng	0.00	
23) Nitrobenzene-d5	8.687	82	327266	41.314	ng	0.00	
42) 2,4,6-Tribromophenol	15.675	330	159841	35.307	ng	-0.02	
45) 2-Fluorobiphenyl	12.769	172	759773	41.139	ng	0.01	
79) Terphenyl-d14	19.704	244	1435545	40.731	ng	0.00	
Target Compounds							
							Qvalue
2) 1,4-Dioxane	3.134	88	52400	22.339	ng		97
3) Pyridine	3.534	79	125040	21.676	ng		97
4) n-Nitrosodimethylamine	3.446	42	65245	21.390	ng		98
6) Aniline	6.893	93	122407	22.034	ng		100
8) 2-Chlorophenol	7.116	128	104897	20.119	ng		95
9) Benzaldehyde	6.711	77	95542m	21.776	ng		
10) Phenol	6.769	94	144751	20.214	ng		98
11) bis(2-Chloroethyl)ether	6.981	93	113814	19.797	ng		94
12) 1,3-Dichlorobenzene	7.428	146	136839	20.063	ng		97
13) 1,4-Dichlorobenzene	7.575	146	138935	19.936	ng		98
14) 1,2-Dichlorobenzene	7.881	146	134949	20.079	ng		99
15) Benzyl Alcohol	7.793	79	105012m	18.930	ng		
16) 2,2'-oxybis(1-Chloropr...	8.063	45	144352	21.313	ng		98
17) 2-Methylphenol	7.999	107	95526	20.089	ng		96
18) Hexachloroethane	8.587	117	55450	20.855	ng		97
19) n-Nitroso-di-n-propyla...	8.334	70	105710	20.596	ng		99
20) 3+4-Methylphenols	8.328	107	129275	19.809	ng		95
22) Acetophenone	8.358	105	191987	20.340	ng	#	98
24) Nitrobenzene	8.728	77	168610	20.781	ng		96
25) Isophorone	9.246	82	269537	20.348	ng		99
26) 2-Nitrophenol	9.434	139	57197	19.189	ng		90
27) 2,4-Dimethylphenol	9.499	122	67718	19.621	ng		94
28) bis(2-Chloroethoxy)met...	9.716	93	156603	20.926	ng		98
29) 2,4-Dichlorophenol	9.981	162	115921	19.607	ng		98
30) 1,2,4-Trichlorobenzene	10.157	180	154173	19.774	ng		97
31) Naphthalene	10.340	128	356530	20.050	ng		99
32) Benzoic acid	9.663	122	69834	17.474	ng		99
33) 4-Chloroaniline	10.475	127	114853	20.689	ng		99
34) Hexachlorobutadiene	10.616	225	115472	19.743	ng		95
35) Caprolactam	11.257	113	31168m	17.967	ng		
36) 4-Chloro-3-methylphenol	11.604	107	131043	19.853	ng		97
37) 2-Methylnaphthalene	11.951	142	260809	20.101	ng		98
38) 1-Methylnaphthalene	12.175	142	256033	19.829	ng		98
40) 1,2,4,5-Tetrachloroben...	12.328	216	184456	20.292	ng		99
41) Hexachlorocyclopentadiene	12.293	237	49706	20.701	ng		97
43) 2,4,6-Trichlorophenol	12.581	196	109121	19.776	ng		98

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44) 2,4,5-Trichlorophenol	12.681	196	120381	19.644	ng	94
46) 1,1'-Biphenyl	12.969	154	365348	20.558	ng	98
47) 2-Chloronaphthalene	13.016	162	301402	20.710	ng	99
48) 2-Nitroaniline	13.251	65	89557	20.671	ng	96
49) Acenaphthylene	13.881	152	416628	20.503	ng	100
50) Dimethylphthalate	13.610	163	377488	19.900	ng	100
51) 2,6-Dinitrotoluene	13.746	165	83057	19.520	ng	89
52) Acenaphthene	14.228	154	269724	20.501	ng	99
53) 3-Nitroaniline	14.104	138	65657	20.059	ng	90
54) 2,4-Dinitrophenol	14.328	184	43516	16.681	ng	98
55) Dibenzofuran	14.569	168	461132	20.002	ng	97
56) 4-Nitrophenol	14.457	139	44394	18.918	ng	91
57) 2,4-Dinitrotoluene	14.569	165	115831	18.981	ng #	86
58) Fluorene	15.240	166	373229	19.648	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.822	232	109377	18.458	ng	94
60) Diethylphthalate	15.004	149	376833	19.614	ng	98
61) 4-Chlorophenyl-phenyle...	15.228	204	218597	19.480	ng	96
62) 4-Nitroaniline	15.287	138	56674	17.138	ng	90
63) Azobenzene	15.528	77	387022	21.050	ng	95
65) 4,6-Dinitro-2-methylph...	15.351	198	69287	19.363	ng	96
66) n-Nitrosodiphenylamine	15.451	169	313120	20.807	ng	99
67) 4-Bromophenyl-phenylether	16.140	248	147327	20.532	ng	94
68) Hexachlorobenzene	16.263	284	173852	19.815	ng	96
69) Atrazine	16.428	200	81874	15.321	ng	99
70) Pentachlorophenol	16.634	266	100368	18.723	ng	90
71) Phenanthrene	17.010	178	586277	20.080	ng	100
72) Anthracene	17.104	178	563391	20.129	ng	100
73) Carbazole	17.398	167	516018	19.921	ng	99
74) Di-n-butylphthalate	17.981	149	606857	19.959	ng	99
75) Fluoranthene	19.116	202	774037	19.255	ng	99
77) Benzidine	19.333	184	108192	11.417	ng	99
78) Pyrene	19.492	202	801166	20.159	ng	99
80) Butylbenzylphthalate	20.445	149	272814	20.268	ng	99
81) Benzo(a)anthracene	21.380	228	822171	20.273	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	304047	19.880	ng #	99
83) Chrysene	21.445	228	786834	20.199	ng	100
84) Bis(2-ethylhexyl)phtha...	21.310	149	397645	19.981	ng	97
85) Di-n-octyl phthalate	22.522	149	683000	20.699	ng #	96
87) Indeno(1,2,3-cd)pyrene	28.198	276	1066403	20.007	ng #	96
88) Benzo(b)fluoranthene	23.580	252	936049	20.103	ng	99
89) Benzo(k)fluoranthene	23.651	252	883136	19.906	ng	99
90) Benzo(a)pyrene	24.445	252	793618	19.933	ng	99
91) Dibenzo(a,h)anthracene	28.221	278	870793	19.951	ng	98
92) Benzo(g,h,i)perylene	29.321	276	880338	19.884	ng	97

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

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