Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013025\
Data File : BN036168.D
Acq On : 31 Jan 2025 14:39
Operator : RC/JU
Sample : PB166373BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS373

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 31 15:10:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN013025.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 30 17:36:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	128945	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	534894	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	365486	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	735198	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	708138	20.000	ng/ul	0.00
88) Perylene-d12	24.463	264	625635	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	17298	5.466	ng/uL	0.00
4) Pyridine-d5	3.670	84	250588	27.802	ng/ul	0.00
7) Phenol-d5	6.981	99	328720	30.764	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.122	67	200768	29.279	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	255733	30.570	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	263343	30.678	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	121528	28.300	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	139861	28.705	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	262556	29.844	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.722	131	287117	24.842	ng/ul	0.00
46) Dimethylphthalate-d6	13.846	166	768272	27.873	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	836902	27.270	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	143131	30.090	ng/ul	-0.02
60) Fluorene-d10	15.428	176	638922	27.693	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.546	200	144521	29.701	ng/ul	0.00
73) Anthracene-d10	17.281	188	999213	27.978	ng/ul	0.00
81) Pyrene-d10	19.575	212	1170052	27.744	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.257	264	949716	28.869	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	35447	10.487	ng/uL	98
5) Pyridine	3.687	79	250799	27.397	ng/ul	95
6) Benzaldehyde	6.934	77	55732	8.736	ng/ul	99
8) Phenol	7.011	94	336276	30.484	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.217	93	253339	29.223	ng/ul	97
12) 2-Chlorophenol	7.369	128	255995	30.021	ng/ul	99
13) 2-Methylphenol	8.252	108	245626	30.154	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.311	45	395196	29.865	ng/ul	98
16) Acetophenone	8.611	105	401024	28.653	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.605	70	218143	29.603	ng/ul	96
18) 4-Methylphenol	8.581	108	269402	30.313	ng/ul	97
19) Hexachloroethane	8.869	117	112667	28.600	ng/ul	99
22) Nitrobenzene	8.987	77	334364	28.251	ng/ul	99
23) Isophorone	9.522	82	593074	28.274	ng/ul	99
25) 2-Nitrophenol	9.699	139	148057	28.399	ng/ul	99
26) 2,4-Dimethylphenol	9.775	107	269612	25.383	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.999	93	349359	28.375	ng/ul	99
29) 2,4-Dichlorophenol	10.246	162	255010	28.772	ng/ul	92
30) Naphthalene	10.634	128	788626	27.404	ng/ul	98
32) 4-Chloroaniline	10.746	127	185081	16.590	ng/ul	99
33) Hexachlorobutadiene	10.928	225	178204	27.545	ng/ul	100
34) Caprolactam	11.534	113	80971m	28.228	ng/ul	
35) 4-Chloro-3-methylphenol	11.893	107	298529	29.319	ng/ul	98
36) 2-Methylnaphthalene	12.252	142	550156	27.273	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.469	142	548987	27.703	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.622	216	315344	27.003	ng/ul	97
40) Hexachlorocyclopentadiene	12.610	237	150127	23.031	ng/ul	95
41) 2,4,6-Trichlorophenol	12.869	196	202991	26.957	ng/ul	95
42) 2,4,5-Trichlorophenol	12.957	196	229598	28.176	ng/ul	99
43) 1,1'-Biphenyl	13.269	154	734120	27.060	ng/ul	99
44) 2-Chloronaphthalene	13.304	162	577722	27.086	ng/ul	99
45) 2-Nitroaniline	13.510	65	219554	30.190	ng/ul	96
47) Dimethylphthalate	13.893	163	760404	27.549	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	159326	29.268	ng/ul	99
50) Acenaphthylene	14.157	152	892111	27.624	ng/ul	98
51) 3-Nitroaniline	14.340	138	141960	26.026	ng/ul	96
52) Acenaphthene	14.499	153	629477	27.076	ng/ul	97
53) 2,4-Dinitrophenol	14.540	184	102844	30.067	ng/ul	89
55) 4-Nitrophenol	14.681	109	148934	29.366	ng/ul	97
56) Dibenzofuran	14.834	168	886485	27.543	ng/ul	99
57) 2,4-Dinitrotoluene	14.798	165	236163	28.993	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.069	232	177364	26.074	ng/ul#	100
59) Diethylphthalate	15.263	149	792527	27.834	ng/ul	99
61) Fluorene	15.487	166	715663	27.420	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.481	204	367673	27.246	ng/ul	98
63) 4-Nitroaniline	15.504	138	173674	32.544	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.563	198	147077	28.464	ng/ul	98
67) N-Nitrosodiphenylamine	15.693	169	625002	28.009	ng/ul	98
68) 4-Bromophenyl-phenylether	16.375	248	228945	29.065	ng/ul	97
69) Hexachlorobenzene	16.493	284	242557	28.227	ng/ul	98
70) Atrazine	16.645	200	110263	12.537	ng/ul	95
71) Pentachlorophenol	16.840	266	158445	27.012	ng/ul	95
72) Phenanthrene	17.222	178	1142908	27.727	ng/ul	99
74) Anthracene	17.316	178	1150798	27.744	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.234	216	309491	27.049	ng/uL	98
76) Pentachlorobenzene	14.757	250	294597	26.354	ng/uL	93
77) Carbazole	17.587	167	1049611	28.846	ng/ul	96
78) Di-n-butylphthalate	18.151	149	1388852	28.655	ng/ul	100
80) Fluoranthene	19.239	202	1359967	27.605	ng/ul	98
82) Pyrene	19.604	202	1424237	27.271	ng/ul	98
83) Butylbenzylphthalate	20.510	149	637678	28.394	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	373717	29.883	ng/ul	98
85) Benzo(a)anthracene	21.410	228	1369122	28.121	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.339	149	903501	28.002	ng/ul	97
87) Chrysene	21.475	228	1268086	27.471	ng/ul	96
89) Di-n-octyl phthalate	22.486	149	1575485	30.644	ng/ul	100
90) Benzo(b)fluoranthene	23.504	252	1188121	28.720	ng/ul	99
91) Benzo(k)fluoranthene	23.569	252	1191760	28.932	ng/ul	98
93) Benzo(a)pyrene	24.322	252	1037880	28.705	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.874	276	1103155	28.042	ng/ul	99
95) Dibenzo(a,h)anthracene	27.939	278	881475	28.094	ng/ul	98
96) Benzo(g,h,i)perylene	28.945	276	844663	28.211	ng/ul	98

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

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